Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison — *Member Audit Bureau of Circulations*

THE CHEMICAL MARKET AUTHORITY SINCE 1871

Volume 139
Number 17

Schnell Publishing Company, Inc., Publisher

April 28, 1941

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The "Carbowax" compounds are available in two forms, one resembling petrolatum and the other paraffin wax. "Carbowax" 1500 is a soft, slightly hygroscopic solid which melts at 34 to 37° C. while "Carbowax" 4000 is a hard, paraffin-like, translucent solid that melts at 50 to 55° C. and is non-hygroscopic. Further information and samples for experimental purposes are available, and will be sent without obligation on request.

For information concerning the use of "Carbowax" compounds, address:

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Shoe Polishes . . . "Carbowax" compounds exert a spreading effect when aqueous, "no-rub-off" shoe polishes and cleaners are applied to shoes. They not only act as a binder when the polish dries, but also minimize settling of the pigment during storage.

Printing . . . "Carbowax" 4000 has been suggested as an overcoat on lithographed paper labels to give a glossy finish, and as an undercoat for lacquer films on paper to prevent wicking-in and retention of solvents. Its aqueous solutions can be sprayed over lithographed paper sheets to prevent sticking and offsetting between sheets, replacing the water-soluble gums now used for this purpose.

Rubber Mold Lubricant . . . A small amount of "Carbowax" 4000 in water, applied as a lubricant to molds in which rubber parts are formed, causes a perfect, quick release when the mold is opened. "Carbowax" 4000 imparts an attractive finish to the molded product and the molds require less cleaning when this releasing agent is used.

Protective Coatings . . . "Carbowax" compounds act as binders for pigments in kalsomines, water paints, and crayons. They are ingredients of lacquer and varnish removers, where they retard the evaporation of the solvent. In leather coatings, they act as plasticizers to minimize the "wicking" action of the leather.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

The word "Carbowax" is a registered trade-mark of Carbide and Carbon Chemicals Corporation.

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Member Audit Bureau of Circulation

Schnell Publishing Company, Inc., Publisher

Volume 139 | April 28, 1941 | Number 17

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Drug Wholesalers Are Told What Retailers Want of Them

Chicago, April 21, 1941

Distribution functioning under conditions imposed by the defense program was one of the big topics at the midyear meeting of wholesaler and manufacturer members of the National Wholesale Druggists Association here last week. Another was the need for and the cry for wholesaler help for his retailer customers. The two are more than slightly interrelated.

The matter of current and imminent distribution developments was well-covered by President P. A. Hayes in his opening remarks:—

National defense involves the mobilization of all our resources, to serve and to conserve both military and consumer needs.

Recognizing the primary importance of the distribution of consumer goods in our national economy, the Advisory Committee on Wholesale Distribution to the National Defense Advisory Commission was created at a conference of wholesaling interest held in Washington, at the invitation of Miss Harriet Elliott, Consumer Commissioner of the National Defense Advisory Commission, November 12, 1940. Lee Wilson Hutchins, chairman of the board of control, N.W.D.A., was elected a member of this committee.

The purposes of the Advisory Committee on Wholesale Distribution are many and important. The National Defense Advisory Commission is deeply interested in prices on all consumer goods, and all wholesalers are urged to assist in keeping prices from getting out of line.

After three meetings of the committee in Washington, it was decided that full-time Washington representation should be established in compliance with suggestion from the National Defense Advisory Commission. The need for representation was so urgent that the committee immediately engaged the services of Mrs. Helen Slater to act as secretary and to be a special wholesale representative in all matters of consumer interest. Mrs. Slater is fully qualified. She has had two years with the *New York Times*, five years with the *New York Herald-Tribune*, and for the past three years has been special consumer representative for one of the nations' largest wholesale grocery institutions, from whom we secured her services as a loan for a limited time.

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Magnesite Plant Funded by R.F.C.

OPD Washington Bureau
April 23, 1941

The Reconstruction Finance Corporation has authorized a loan of $300,000 to enable Rademaker Chemical Corporation, Eastlake, Mich., to build and equip a plant for the manufacture of dead-burned magnesite, a material essential to national defense in that it is used in construction and maintenance of open hearth steel furnaces.

Export Control for Philippines Studied

OPD Washington Bureau
April 23, 1941

Extension of export controls to the Philippine Islands in order to stop shipments of coconut oil and other strategic materials to Russia and the Axis powers is under serious consideration and it is expected that legislation will be introduced shortly to control exports from the Islands.

While control of Philippine exports are nominally in the hands of the Commonwealth, provisions of the independence act require that any Philippine legislation affecting imports or exports must have the approval of the President of the United States.

The importance of coconut oil in the manufacture of explosives, together with protests on the part of Great Britain that shipments of this and other war materials from the Philippines to Japan and Russia are finding their way into Germany where there is a shortage of fats and oils, is re-

—*Continued on page 56*

Revenue-Raising Programs Propose More Nuisance Taxes

OPD Washington Bureau
April 24, 1941

Consideration of a new emergency tax program designed to raise additional funds of approximately $3,500,000,000 in order to put the national defense program two-thirds on a pay-as-you-go basis was started today as the Secretary of the Treasury, Henry Morgenthau, jr., appeared before the house ways and means committee to explain the Treasury Department's proposals for new taxes and increases in existing levies by which it is proposed to raise the new revenues.

Mr. Morgenthau called for a curtailment of nondefense spending by the government; diversion to defense production of more and more of the resources now engaged in satisfying civilian needs and wants; and a general speeding up of defense production to assure adequate supplies of war materials both for United States military forces and for aid to Britain under the lend-lease law.

The department's proposal, the secretary explained, presents a method of paying contemporaneously for a "reasonable proportion" of the expenditures. It will provide for all sections of the people to bear a fair share of the tax burden, he declared, and will help to mobilize national resources for defense by reducing the amount of money that the public can spend for comparatively less important things. It is designed, he said, to prevent a general boost of prices by keeping the total volume of monetary purchasing power from outrunning production.

Cutting Ordinary Expenses

Discussing the need for a reduction in ordinary government expenses, Mr. Morgenthau said:—

There must, of course, be no stinting of our defense expenditures. But there is another set of expenditures which, as I suggested to this committee on January 29, we should now "re-examine with a magnifying glass." These are the government expenditures which are neither for purposes of defense nor for purposes of relief and security from want. We are continuing to spend in these nondefense and nonrelief fields as if we had no emergency defense program, as if we could superimpose our huge rearmament effort upon government as usual and business as usual. This was all right before the existing emergency and while there continued to be a large volume of available unemployed resources.

But we simply cannot carry on business as usual and government as usual from now on and still take adequate care of our defense needs. It would be a tragic error to assume that we can expand our defense production on a colossal scale and still go our usual ways, whether as a government or as individuals. It would be folly to assume that we can continue to spend now as we did in normal times.

Mr. Morgenthau emphasized that all groups—labor and business, rich and

—*Continued on page 56*

Export Control Lists Issued as Pamphlet

OPD Washington Bureau
April 24, 1941

A pamphlet containing export control schedules No. 3 and No. 4, and certain information supplementary to earlier schedules, has just been issued by the Administrator of Export Control, according to an announcement by the Department of Commerce.

The pamphlet consists essentially of the following:—

(1) A tabular listing, with the corresponding statistical classification numbers, of the specific products requiring export license under presidential proclamation No. 2475 of April 14, which made subject to control certain construction and conveying machinery, and mining, well and pumping machinery, including the power mechanism, gearing and shafting for them, effective April 15.

(2) A tabular listing, with the corresponding statistical classification numbers, of the specific products requiring export license under presidential proclamation No. 2476 of April 14, which made subject to control certain vegetable fibers and manufactures, theobromine, caffeine, sodium cyanide, calcium cyanide, and casein, effective May 6.

(3) A revised and clarified listing of the specific products subjected to license under the general headings of lead, lead

—*Continued on page 56*

Winthrop Loses Sulphathiazole Permit

OPD Washington Bureau
April 24, 1941

The Food and Drug Administration has cancelled the effectiveness of "new drug" applications for the distribution of sulphathiazole by the Winthrop Chemical Company and the Alba Pharmaceutical Company.

The action was taken on the ground that the Winthrop company had not used sufficient control methods to insure the purity of the drug, as evidenced by the fact that some batches became contaminated with phenolbarbital during manufacture. The Alba concern stated in its application that the Winthrop company was its source of sulphathiazole.

The concerns did not contest the action of the Food and Drug Administration. The action is without prejudice to new applications on a showing that adequate control methods have been developed to prevent a repetition of the mistake.

N.W.D.A. Meeting Date Set

The National Wholesale Druggists Association will hold its sixty-seventh annual meeting September 29 to October 2, 1941. The Greenbrier hotel, White Sulphur Springs, W. Va., again has been selected as the site of the convention.

Domestic Tung Oil Progress

By J. B. Wight

Presidential Address April 25, 1941, at Meeting of American Tung Oil Association

I am happy that so mang tung growers are present at this, the seventh annual meeting of the American Tung Oil Association. It well indicates the interest and enthusiasm with which growers approach the coming year. We have had enthusiasm in tung meetings before, enthusiasm founded on hopes and visions of the future. Our enthusiasm today is based on performance in the past, as well as hopes for the future.

The industry has just completed its most productive year. Tung mills throughout the territory have been operating at capacity, and one mill reports sufficient nuts on hand to run until August. While it is too early yet to estimate next Fall's production, there has been a heavy bloom and expectations are for a normal crop this Fall. With the very heavy production of last year, however, it is to be expected that a normal crop will be below last year's production, unless sufficient trees come into production for the first time this year.

A world shortage of drying oils has developed. Due to this shortage, the United States consumed in 1940, less than half the tung oil it used in 1937, and much less, according to the Bureau of the Census, than in any year since 1935. We have available, now, much less tung oil than we should have for our normal needs, and with the defense program just getting under way, we will need tung oil in rapidly increasing amounts.

The need for a domestic source of tung oil has long been recognized. But, never has the need been so clearly shown as it now is. With supplies from China so difficult to get,

—*Continued on page 41*

Tung Oil Produced By Solvent Process

Gulfport, Miss., Apr. 26, 1941

Preliminary results of cooperative experiments on the extraction of tung oil through the use of solvents were discussed at a meeting of the American Tung Oil Association here today by A. F. Freeman and R. S. McKinney, of the Agricultural Chemical Research Division, Bureau of Agricultural Chemistry and Engineering of the United States Department of Agriculture.

At the present time, it was pointed out, commercial tung oil is produced entirely by a mechanical process,

—*Continued on page 45*

OPM to Furnish Data on Materials

OPD Washington Bureau
April 25, 1941

The Unit of Conservation in the Office of Production Management announced today that it would undertake to serve as a clearing house of information for manufacturers and merchandisers on the materials situation and methods of conservation.

Robert E. McConnell, chief of the unit, said he would be glad to pass along to manufacturers and merchandisers, upon request, all the public information he has available bearing on their particular materials problems. This will include reports made to him for this purpose by other manufacturers and merchandisers, data compiled by the Office of Production Management, and suggestions made by special committee of the National Academy of Sciences.

The purpose is to give producers and distributors the best possible information, including the experience of others, to indicate what they should do to conserve critical and strategic materials and assure an adequate supply of products for their customers.

Closing Markets

Tetrachloride of Tin Lower

Anhydrous tetrachloride of tin was ¼c. lower at 27c. to 27½c. per pound late in the week. Other tin derivatives held unchanged. Spot Straits tin closed at 52⅛c. per pound.

Cottonseed Oil Firmer

Refined cottonseed oil futures were fairly active on Friday. The tone was firmer, prices advancing moderately on buying by commission houses and local traders. Crude oil remained firm in Southern markets, with offerings light. The general list of vegetable, animal and fish oils continued firm. Sales of tallow were reported at 7½c. per pound for extra.

A.E. Pitcher Heads New Plastic Materials Ass'n

Plastic Materials Manufacturers Association has been formed, to facilitate cooperation in the utilization of plastics for defense. The membership includes fifteen of the major manufacturers. Arnold E. Pitcher, general

A. E. Pitcher

manager of the plastics department of E. I. duPont de Nemours & Co., was elected president.

L. M. Rossi, vice-president of the Bakelite Corporation, was named vice-president of the association and John E. Walker was made secretary-treasurer. Mr. Rossi was also appointed chairman of a committee which will act as a contact between the association and the Army and Navy Munitions Board, or any other government agency interested in the organization's activities.

Capt Named Director Of Census Bureau

OPD Washington Bureau
April 22, 1941

President Roosevelt today sent to the senate for confirmation the name of James C. Capt to be director of census, succeeding William L. Austin, who retired last January.

Mr. Capt, who is fifty-two years of age, has been with the bureau since 1939. He came to Washington from Texas, where he operated a creamery, in 1934 as an executive officer of the Federal Emergency Relief Administration. Later he established the information division of the Works Progress Administration, and in 1939 he joined the Bureau of Census, after having acted as confidential assistant to Harry L. Hopkins, then Secretary of Commerce.

Columbia Univ. to Get Prof. Bogert Portrait

The Ph.D. graduates of Prof. Marston T. Bogert will present his portrait, painted by Irving Wiles, to Columbia University on May 2. Dr. Bogert has been professor of organic chemistry at Columbia since 1904.

The presentation will take place at the Chemists' Club, this city. A dinner will be held there at 7 p.m. with Dr. George D. Beal, of Mellon Institute, as toastmaster. The presentation is to be made at 8:15 by Dr. Michael Heidelberger, Columbia University.

Chemical Price Trend Unchanged

Advances continued to outnumber reductions last week among price changes reported in the markets for heavy and fine chemicals. The few reductions included more than the usual proportion of items of note. Heavy materials were not much in evidence on either side.

The volume of business done continued large, and there were reports of approaching stringencies in supplies of a number of important materials, among which chlorine was outstanding because of imminent governmental demands. Potash salts were getting scarcer. New business in scores of articles was going begging.

Prices were advanced on imported cresylic acid, white lead in oil, technical and dehydrated castor oils, castor beans, plantation gambier, Alleppey turmeric, imported egg yolk, pilocarpine, quinine-urea hydrochloride, imported dried blood, fertilizer tankage here, and hoofmeal at Chicago. The surcharges on quinine and cinchonidine were increased.

Prices were reduced on subcarbonate, subgallate, and subnitrate of bismuth, ascorbic acid, gum rosin, gum turpentine, and cottonseed meal in the Southeast.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 131.9 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 93.4, compared with 91.2 at this time last year and 89.0 in 1939.

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Oil, Paint and Drug Reporter, Volume 139, No. 17, April 28, 1941. Published weekly by Schnell Publishing Company, Inc., 59 John Street, New York, N.Y., U.S.A. Telephone: REctor 2-9820. Annual subscription prices:—United States and possessions, Cuba, Mexico, Central America, and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 3, 1879. Copyright 1941, by Schnell Publishing Company, Inc.

Painted Cantonments Held Important

OPD Washington Bureau
April 22, 1941

Importance of properly painted cantonments in sustaining the morale of the new national army, created to meet the defense emergency, was emphasized today by General George C. Marshall, chief of staff, in testimony before the special senate committee investigating defense effort. There had been criticism of costs in excess of estimates, and General Marshall flatly declared that he had ordered cantonment building changes in certain instances to maintain and increase morale of the new soldiers, as well as for strategic reasons. General Marshall said:

I personally ordered the painting of the new cantonment buildings at a cost of $15,000,000 above estimates because I believed it would be very bad for morale

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Paint Styling Council Setup Reorganized

OPD Washington Bureau
April 22, 1941

The Council for Paint Styling has been reorganized to consolidate in a small unified group the activities heretofore conducted by the council and two sub-groups. The council, which functions under the general direction of the national trade sales steering committee of the National Paint, Varnish and Lacquer Association, was originally composed of some executives and some technical men, with a technical and fact-finding committee and a publicity committee conducting surveys and promotional work and reporting to the main group.

Under the new setup, all work will be handled by a group of men who have been and are taking an active part in paint styling, thus relieving the previous larger membership from the necessity of attending meet-

—*Continued on page* 40

Spice Trade Ass'n To Convene May 2

The thirty-fifth annual meeting of the American Spice Trade Association will be held in the Astor hotel, this city, May 12-14. Sectional meetings for grinders, brokers and dealers will be held on the morning of May 13.

The annual "Spice for Flavor" banquet will be held Wednesday evening. The guest speaker at the banquet will be Dr. Alexander Loudon, Minister of the Netherlands to the United States. The program lists the following addresses for the opening day, with a round-table discussion of the subjects

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Tanners to Discuss Defense Program Scope

The Tanners' Council of America will meet in the Greenbrier, White Sulphur Springs, W. Va., May 8-9. The board of directors will meet Wednesday evening, May 7, and Harold Connett, chairman of the board, will open the first general session May 8. Members of the council staff will then present a "Survey of Domestic and Foreign Raw Material Markets." A round table discussion on the same subject will follow.

The remainder of the meeting will be devoted to addresses by officials of certain defense agencies. Among the subjects will be the "Scope of Defense

—*Continued on page* 31

N.Y. Fair Trade Rally Called for April 30

The fair trade committee of the New York State Pharmaceutical Association has issued a call for a mass meeting to discuss fair trade and its future. This meeting will be held April 30 at 10:00 p.m. in the Hotel Pennsylvania, this city, in connection with the annual meeting of the New York Pharmaceutical Conference.

Another feature of the meeting of the conference will be an optional-dress, $5 banquet, entertainment, and dance, in the Pennsylvania May 1 at 7:30 p.m.

Sales Better in February

Domestic sales of wholesalers and shipments by manufacturers were better during February, this year, in comparison with the same month of 1940, according to data compiled by the Department of Commerce. Retail sales of drug and petroleum products also were better.

The compiled data also revealed that manufacturers' inventories were higher at the end of February, as were the inventories of the wholesale trades, with the exception of the distributors of petroleum products. Comparisons for the various groups and some single commodities follow:—

Wholesale Sales

	Percentage comparison with Feb., 1940.
Drugs and druggists' sundries	+ 4.0
Industrial chemicals	+25.0
Paints and varnishes	+22.0
Petroleum	+11.0

Manufacturers' Shipments

Chemicals and allied products	+35.2
Petroleum refining	+ 8.9
Rubber products	+37.1

Exports

Coaltar chemicals	+ 6.1
Gas and fuel oils	—25.7
Industrial chemicals	+ 0.3
Lard	—41.0
Lubricating oil	—27.1
Medicinal products	+22.4
Motor fuels	—42.0
Naval stores	—46.7
Petroleum, crude	—39.6
Pigments	—34.3

Retail Sales

Drug stores, independents	+ 3.0
Chains	+ 8.0
Inventories	+ 6.0
Filling stations, independent	+ 3.0

Wholesale Inventories

	Compared at Feb. 28,
Drugs and druggists' supplies	+ 0.4
Industrial chemicals	+ 4.0
Paints and varnishes	+ 5.0
Petroleum	— 9.0

Manufacturers' Inventories

Chemical and allied products	+ 4.3
Petroleum refining	+ 4.1
Rubber products	+16.1

M.C.A. Committees To Meet May 5-8

OPD Washington Bureau
April 24, 1941

A series of meetings of technical committees of the Manufacturing Chemists Association will be held in the Traffic Club, New York, May 5 to 8. The schedule follows:—

May 5, 10:30 a.m.—Tankcar committee.

May 6, 10:00 a.m.—Carboy committee.

2:00 p.m.—Poisonous articles and miscellaneous packages committee.

May 7, 10:00 a.m.—Joint meeting on the new water regulations.

May 8, 10:00 a.m.—Drums committee.

Effective Association Functioning Essential to Private Enterprise

By John M. F. Donovan, Jr.

Trade Association Counselor

(Continued from April 21 issue)

VIII. Associations Find New Trade Practice Programs in Consent Decrees

There are three primary and fundamental reasons why the preservation of effective antitrust administration and enforcement is desirable. In the first place, it effectuates the destruction of factors which impede production, employment, and opportunity for competition in private enterprise. Secondly, it provides efficient compulsion for the observance and consequent compliance with the law. And finally, it results in a constant, beneficial, and necessary clarification of the law, and makes possible the presentation to Congress of the facts upon which appropriate and specific legislative remedies may be based.

In the opinion of the Antitrust Division of the Department of Justice, one of the major obligations in effective antitrust administration is the insistence on the use of methods of orderly marketing by all industries. It encourages the presentation to it of such marketing programs. To be satisfactory, however, the antitrust division feels that a method of giving approval to orderly marketing practices should be designed to lower prices and must meet the following four requirements:—.

1. It must be addressed to the problems of particular industries, because a program which may be sound for one industry may be useless or positively harmful for another industry. 2. Any approval given must be for a limited period and must be subject to constant check to determine whether or not the objectives of lowering prices and increasing volume are being obtained. 3. There must be machinery to penalize abuse of the position created by such approval, and such machinery must be certain and expeditious in its effect. 4. The approval must be in a form which will permit ready reference to the Congress, in order that policies which may be erroneous may be corrected, and in order that the laws may be amended where they are not adequate to meet the particular situation.

The Consent Decree

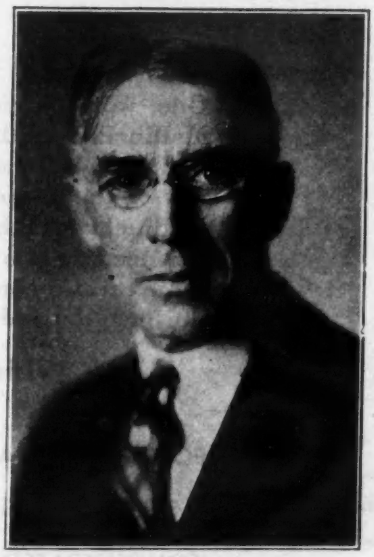
In the great majority of cases presented to the antitrust division which involve a consideration of orderly marketing practices, industries either are in the process of being investigated for violations of the antitrust laws or have been the subject of criminal or civil suits for the same reasons. The antitrust division has taken the position that much may be accomplished through careful and resourceful use of the consent decree because it feels that the scope of such decrees in particular instances may go beyond the issues of each case.

In order to realize the full potentialities of the consent decree, the antitrust division makes concurrent use of criminal and civil procedures. It believes that Congress, in providing both civil and criminal penalties con-

—*Continued on page* 56

George Martin Honored By Cleve. Business Men

George A. Martin, chairman of the board of the Sherwin-Williams Company, paint manufacturer, Cleveland, was last week honored with the annual award for public service by the Cleveland Chamber of Commerce.



George A. Martin

The citation reads:—

George Abraham Martin, distinguished and outstanding business administrator, humanitarian, patron of the arts and culture, for many years active in civic affairs, generously contributing to the betterment of business and living condi-

—*Continued on page* 42

Patents Hearing Gets M.C.A. Views

OPD Washington Bureau
April 23, 1941

Emergency legislation designed to give the Federal government the power to acquire through condemnation any patents necessary or useful in the national defense program and outlawing injunction proceedings which might interfere with the use of any patent for defense purposes was the subject of hearings before the house patents committee this week.

The measure, written and sponsored by the Department of Justice, was presented to the committee by Francis M. Shea, Assistant Attorney General, as a substitute for similar legislation previously introduced in the house.

Under its provisions the use or sale of any material, product, article or commodity, or the expansion of facilities or capacity for such manufacture, use or sale, may be fully or partially licensed by the President to any manufacturer, compensation for such use to be determined by the Court of Claims. In addition, the bill provides that no injunction based upon an alleged infringement of patent rights shall issue, be continued or enforced during the present emergency.

Strong opposition to the Department of Justice's proposal was contained in a brief filed with the committee by Warren N. Watson, secretary of the Manufacturing Chemists' Association, on the grounds that existing legislation provides that whenever inventions are used or manufactured for or by the United States without license or lawful right, the remedy of the patent owner is by suit in the Court of Claims and not by injunction.

In addition, Mr. Watson contended, the grant of injunctions by Federal courts in patent suits is fundamentally a matter of discretion under the gen-

—*Continued on page* 36

Truck Workers Hours Get Hearing by I.C.C.

OPD Washington Bureau
April 21, 1941

A hearing to discuss what qualifications and maximum hours of service, if any, should be prescribed for mechanics, loaders, and drivers' helpers of common, contract, and private trucks has been called by the Interstate Commerce Commission for May 19 in the Sherman hotel, Chicago, before Examiner R. W. Snow. The hearing will cover portions of dockets MC-2, MC-3, and MC-4, in which the commission has already prescribed qualifications and maximum hours of service for drivers of all three types of trucks.

The maximum hours provision of the wages and hours law does not apply to hours of service of those motor truck employees for which the Interstate Commerce Commission has fixed maximum hours. The commission has already determined that the hours of mechanics, loaders, and drivers' helpers affect the safety of operation and therefore come within its jurisdiction. The Department of Labor, however, has announced that such employees are subject to the forty-hour week provisions of the wage-hour act until such time as the Interstate Commerce Commission sets other standards.

Dryers for Precipitated Pigments

By A. G. Arend

Reprinted from March 29, 1941, Chemistry and Industry, Journal of the Society of Chemical Industry

The decision as to whether the drying of precipitated pigments will be best served at normal pressure, or with the assistance of a vacuum, can only be ascertained by taking into account the various circumstances involved in their manufacture and the steam or surplus waste heat which is available. The method of filtration has much to do with this decision, since if it is possible to obtain the filtered precipitate with comparatively little moisture, and no specially low temperatures are imperative, drying at normal atmospheric pressure is preferable. As the initial costs of the vacuum plant are not inconsiderable, these cannot be offset by the advantages gained, but in practically all other cases, that is, where really "wet" precipitates have to be dried, vacuum dryers are almost essential because steam consumption amounts only to a fraction of what is necessary for pressure-air drying.

At times the power required to generate the vacuum is apt to be exaggerated, but in practice as a general rule this is less than what is required for the blowers of pressure-air dryers. Many filtration difficulties with precipitates which do not lend themselves to simple separation disappear where a selected vacuum unit is used for the drying, since what otherwise would be considered a too wet mass for drying can easily be accommodated.

No decomposition is possible with materials which must not be raised beyond a definite temperature, and moisture is briskly evaporated off with waste steam which otherwise could find little use. The three main types of vacuum dryers comprise the self or cabinet type where the material does not require stirring, the rotary type where stirring is necessary, and the drum type with material which easily forms a film on the drying surface. With almost any drying process, the work can be divided into two main stages, namely, the principal evaporation process wherein the temperature merely influences evaporation rate,

—*Continued on page* 46

N.P.V.L.A. Executive Committee to Meet Apr. 29

OPD Washington Bureau
April 22, 1941

The executive committee of the National Paint, Varnish and Lacquer Association is scheduled to hold its next regular quarterly meeting at the Pennsylvania hotel, New York, April 29, 1941, at 10:30 a. m., daylight saving time, preceded by breakfast meeting of budget and finance committee at 8:30 a. m.

Naval Stores Act Rules Promulgated

OPD Washington Bureau
April 24, 1941

New regulations for the enforcement of the naval stores act, effective May 1, 1941, were promulgated today by the Agricultural Marketing Service of the Department of Agriculture. In general the regulations are similar to those sent out to the trade in tentative form last January.

The new regulations replace those of 1938 issued by the Food and Drug Administration which then had jurisdiction of the naval stores act. They are changed in form in order to meet codification requirements imposed on all regulations by the *Federal Register* act.

The principal changes are defining "spirits of turpentine" by reference to certain trade specifications; providing for sampling, grading, and certifying rosin in bags; providing for weighing of rosin; and revision of

—*Continued on page* 42

Alien Business Tax Favored in Illinois

Springfield, Apr. 23, 1941

Governor Green has announced his support of legislation to tax capital stock of out-of-State corporations operating in Illinois. The tax proposal, offered by the State Tax Commission, would tax the capital stock of such corporations on the basis of actual business transacted in Illinois.

The tax would be collected by the counties in which such companies have their main Illinois office. A bill to achieve practically the same purpose is already pending in the lower house of the Illinois Legislature.

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Current Market Quotations

April 25, 1941

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, arabic).
Acetal, cbys., works....lb. 1.00 - 1.50
Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works....lb. .38 - —
100-lb. lots, works....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works....lb. .30 - —
100-lb. lots, works....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots....lb. .33 - —
dms., 25-lb. lots....lb. .38 - —
kgs., 2,000-lb. lots....lb. .33 - —
smaller lots....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots....lb. .31 - —
dms., 25-lb. lots....lb. .36 - —
kgs, 2,000-lb lots....lb. .31 - —
smaller lots....lb. .32 - —
Acetoacetanilide, dms....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .07½- —
l.c.l., dlvd....lb. .08 - —
tanks, dlvd....lb. .06 - —
Methyl (see M)
Acetonitrile, dms., works....lb. 1.00 - 2.00
Acetophenone, cns., 25 to 50 lbs., lb. 1.40 - 1.45
dms., 100 lbs....lb. 1.35 - 1.37
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.60 - —
50 lbs., dms....lb. 1.02 - —
25 lbs., dms....lb. 1.04 - —
Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms....lb. .09 - .12
Acetic, com'l or redist., 28% bbls..100 lbs. 2.23 - 2.48
cbys., cs....100 lbs. 2.78 - 2.98
56%, bbls....100 lbs. 4.15 - 4.40
cbys., cs....100 lbs. 4.65 - 4.90
70%, bbls....100 lbs. 5.17 - 5.42
cbys., cs....100 lbs. 5.67 - 5.92
80%, bbls....100 lbs. 5.89 - 6.14
cbys., cs....100 lbs. 6.39 - 6.64
glacial, nat., CB, cbys.100 lbs.14.00 - —
99.5%, bbls....100 lbs. 7.62 - 7.87
l.c.l., same terms....lb. .09 - —
cbys. ....100 lbs. 8.12 - 8.37
tanks ....100 lbs. 5.00 - 5.50
USP, bbls....100 lbs.10.25 -10.50
cbys. ....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
tanks ....100 lbs. 5.50 - —
USP XI, al. dms..100 lbs.10.25 -11.00
CP, dms....100 lbs.13.50 -14.00
pure, 30%, bbls....100 lbs. 3.28 - 3.53
cbys., cs....100 lbs. 3.78 - 4.03
36%, bbls....100 lbs. 3.66 - 3.91
cbys., cs....100 lbs. 4.16 - 4.41
60%, bbls....100 lbs. 6.15 - 6.40
cbys., cs....100 lbs. 6.65 - 6.90
80%, bbls....100 lbs. 7.68 - 7.93
cbys., cs....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlvd. at destination in the following States:—Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna. and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls. lb. .40 - —
Adipic, fib, dms., works....lb. .31 - —
Anthranilic, refd., bbls....lb. 1.15 - 1.20
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22
Ascorbic, bots., dms....oz. 1.85 - 2.10
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works....100 lbs. 2.35 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
99 lbs. or less....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex-whse...ton.108.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse..ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse..ton.123.00 - —
less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Broenner's, bbls....lb. 1.11 - —
Camphoric, cns....lb. 7.00 - —
Capric, dms....lb. .16 - .16½
Caproic, dms., works....lb. .25 - .30
Carbolic (see Phenol).
Caprylic, dms....lb. .17½- —
Castor oil, split, dms....lb. .16½- .17
Chlorosulphonic, dms., c.l., wks. lb. .0350- —
5-drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N.Y. lb. .15¾- —
smaller quantities, dlvd. N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb lots, one shipt. lb. .20½- —
smaller lots....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's bbls....lb. .65 - —
Coconut oil, dist., dms....lb. .13 - .13½
Cottonseed oil, dist., dms....lb. .09 - .09½
tanks ....lb. .08½- —
Cresylic (coaltar), high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50, 210°-215°), dms., c.l., works frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms...gal. .85 - .90
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East U.S....gal. .48 - —
l.c.l., same basis....gal. .49 - .50
tanks, dlvd., East. U.S.gal. .439- —
medium-boil (222°-249°), non-return dms., c.l., works, East, U.S..gal. .54 - —
l.c.l., same basis....gal. .55 - .56
tanks, dlvd., East. U.S.gal. .498- —
Crotonic, 10 bbls. or more, works..lb. .26 - —
smaller lots, works....lb. 1.00 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over..lb. .11 - —
1-24 cbys....lb. 11½- —
Fumaric, bbls., 1-ton delivery.. lb. .24 - —
smaller lots, bbls., dms...lb. .25 - .28
Gallic, tech., bbls....lb. .90 - .93
NF VI, bbls., 200 lbs., 5 or more..lb. 1.07 - —
smaller lots....lb. 1.10 - 1.12
fib. dms., 25 lbs....lb. 1.14 - 1.16
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb kgs....lb. .15 - —
25 or 50-lb. demij....lb. .21 - .23
5-lb. bots....lb. .29 - —
H, bbls....lb. .45 - —
Hydriodic, 45-47%, cbys....lb. 2.42 - —
5-lb. bots....lb. 2.57 - —
57%, bots....lb. 2.90 - —
Hydrobromic, 10% dilute, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls....lb. .06 - .06½
rubber, dms....lb. .08 - .08½
48%, lead, cbys....lb. .12 - —
rubber, dms....lb. .11 - —
52%, lead, cbys....lb. .13 - —
rubber, dms....lb. .12 - —
60%, lead, cbys....lb. .14 - —
rubber, dms....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works.... 100 lbs. 3.50 - —
l.c.l., bbls., works.... 100 lbs. 3.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
Acid, lactic, tech., light, 44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11½
5 to 19 cbys....lb. .11 - .12
1 to 4 cbys....lb. .11½- .12½
plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys....lb. .12¾- .13¾
1 to 4, cbys....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys....lb. .21½- .22½
USP, XI, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Lauric, dist., tech., dms....lb. .15 - .15½
Laurent's, bbls....lb. .45 - —
Linseed oil, light, dms....lb. .15 - .15½
Maleic, powd., dms....lb. .30 - —
anhydride, dms., c.l....lb. .25 - —
l.c.l. ....lb. .26 - —
Malic, powd., kegs....lb. .47 - —
Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit....lb. .0085- .009
Molybdic, kegs, works....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works....100 lbs. 1.15 - —
22°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works. 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works....100 lbs. 1.65 - —
CP, dealers, cbys....lb. .06½- —
6-lb. bots....lb. .17½- —
consumers, cbys....lb. .08 - —
6-lb. bots....lb. .19 - —
Myristic, dist., dms....lb. .18 - .18½
Naphthenic, dom., acidity 160 dms., c.l., works..lb. .06½ Nom.
l.c.l., works....lb. .07 Nom.
tanks, works....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works....lb. .09½ Nom.
tanks, c.l., works....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., woks....lb. .10½ Nom.
tanks, works....lb. No prices
Nicotine, 100-lb. cns....lb. 7.15 - —
50-lb. cns....lb. 7.25 - —
25-lb. cns....lb. 7.30 - —
5-lb. bots....lb. 7.46 - —
1-lb. bots....lb. 7.50 - —
Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 t o 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11½- —
7-lb. bots....lb. .21½- —
consumers, cbys....lb. .13 - —
7-lb. bots....lb. .23 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs. or over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palmitic, bgs....lb. .09¾- .10¼
Palm oil, white, dist., dms..lb. .09 - .09½
tanks ....lb. .08½- —
Paraminobenzoic, cns....lb. 1.40 - —
Paranitrobenzoic, cns....lb. .72 - —
Phenylacetic, bots....lb. 1.45 - 1.95
Phosphoric, ortho., tech., 50%, cbys..lb. .06 - —
75%, cbys....lb. .07½- —
USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10½- —
dms., 25 lbs....lb. .13 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls....lb. .35 - —
Propionic, synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns. ....lb. 1.25 - —

Acacia—Alcohol

Acid, pyrogallic, USP, cryst., cns..lb. 1.70 - 1.72
resub., cns....lb. 2.20 - 2.30
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works....lb. .32 - .37
Salicylic, tech., bbls....lb. .33 - —
USP, bbls....lb. .35 - .38
Sebasic, CP, bbls., works....lb. No prices
tech., bbls., works....lb. No prices
Soybean oil, dist., dms....lb. .12½- .13
Stearic, dist., double pressed, bgs., dlvd..lb. .12¾- .13¾
single pressed, bgs., dlvd.lb. .12½- .13¼
triple pressed, bgs., dlvd.lb. .13½- .16½
saponif., double pressed, bgs., dlvd..lb. .13 - .14
triple pressed, bgs., dlvd..lb. .15¾- .16¾
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works....lb. .17 - —
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works....ton.16.50 - —
98°, tanks, works....ton.17.50 - —
CP, USP, dealers, cbys....lb. .06½- —
9-lb. bots....lb. .13½- —
consumers, cbys....lb. .08 - —
9-lb. bots....lb. .17 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
Tannic, tech., bbls., dms....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots....lb. 1.00 - —
25-lb. lots....lb. 1.05 - —
powd., bbls., 1,000 lbs....lb. .88 - —
smaller lots....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .63½- —
smaller quantities....lb. .64 - —
kgs....lb. .64½- —
Tobias, bbls....lb. .55 - .60
Trichloracetic, bots....lb. 2.00 - 2.50
Tungstic, CP, kgs., works...lb. No prices
Tungstic, CP, kgs., works...lb. No Prices
Aconite, leaves, bls....lb. .38 - .42
Root, bls....lb. .45 - .50
Aconitine, amorph., bots....oz.23.00 - —
vial ....vial 1.00 - —
cryst., bots....oz.42.00 - —
vial ....vial 1.00 - —
Acrylonitrille, dms., c.l....lb. .34½- —
5,000 lbs. or more....lb. .35 - —
1 ton to 4,999 lbs....lb. .35½- —
1 dm. to 1 ton....lb. .36 - —
tank cars....lb. .34 - —
Adeps lanae, anhyd., dms....lb. .19 - .20
hyd., dms....lb. .17 - .18
Agar, 1 bls....lb. 1.40 - 1.45
3, bls....lb. No prices
Agaric, white, bls....lb. No stocks
Albumen, blood, dark, flake, bgs., f.o.b. Chicago frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import, bgs....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .80 - .85
powd., dms., bbls....lb. .85 - .90
import, cs....lb. No price
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .121 - —
l.c.l., frt. alld....lb. .131 - —
tanks, frt. alld....lb. .111 - —
normal, dms., l.c.l., works..lb. .25 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns....lb. .68 - —
drums ....lb. .63 - —
Butyl, normal, cns., works..lb. .14½- .16¼
dms., c.l., frt. alld....lb. .10 - —
l.c.l., frt. alld....lb. .10½- —
tanks, frt. alld....lb. .09 - —
tankwagon, frt. alld....lb. .09½- —
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .08¾- —
l.c.l., same terms....lb. .08¾- —
tanks, same terms....lb. .07¼- —
tertiary, denaturing, c.l., dms. lb. .12½- —
l.c.l., dms....lb. .13 - —
tanks ....lb. .11½- —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
Cinnamic, bots....lb. 2.33 - 2.93
Denatured, CD14, dms., c.l., dlvd. E..gal. .36½- .38½
l.c.l., dlvd., dms....gal. .41½- .43½
tanks, E., dlvd....gal. .30½- .32½

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works..gal. .35 - —
19 bbls., E. works...gal. .37 - —

Alcohol—Bismuth Subcarb.

Alcohol, SD1, 190 pf., 1 to 18 bbls., E. works..gal. .40 - —
dms., c.l., E. works...gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms.....gal. .38 - —
tanks, E. works.....gal. .27 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., works, E. gal. .30½- —
19 dms., works, E....gal. .32½- —
1 to 18 dms., works, E. gal. .35½- —
tanks, E. works.....gal. .24½- —
SD23G, works, E., c.l., dms.. gal. .36½- —
19 dms.....gal. .38½- —
1 to 18 dms.....gal. .41½- —
tanks .....gal. .30½- —
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in drums, higher.
Special solvent, dms., c.l., works..gal. .34 - —
20 dms., to c.l.....gal. .36 - —
1 to 19 dms.....gal. .39 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, acetone-free, dms., c.l., dlvd..lb. .09½- .10¼
l.c.l., dlvd.....lb. .10 - .11
tanks, dlvd.....lb. .08½- .09¼
tech., dms., c.l., dlvd.....lb. .09 - .10
l.c.l., dlvd.....lb. .09½- .10½
tanks, dlvd.....lb. .08 - .09
Ethyl, 190 pf., ex. molasses, dms., c.l..gal. 6.02½- —
19 dms.....gal. 6.06 - —
5 to 18 dms.....gal. 6.09 - —
1 to 4 dms.....gal. 6.09 - —
tanks .....gal. 5.96½- —
absolute, dms., c.l.....gal. 6.37½- —
19 dms.....gal. 6.41 - —
5 to 18 dms.....gal. 6.44 - —
1 to 4 dms.....gal. 6.44 - —
Ethyl alcohol in bbls. 2c higher than dms.
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0790- —
tanks, same terms.....lb. .0690- —
Isopropyl, refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis...gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .28 - .44
l.c.l., same basis...gal. .43 - .47
tanks, same basis.....gal. .33 - .37½
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.20 - 2.30
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .70 - —
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
ens., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5-10-gal. dms., works...lb. .15 - —
Alstris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .67 - .69
Alpha tocopherol, ampules, per gram. 1.00 - 1.10
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .53 - .54
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 3.60 - —
100-lb. kgs.....lb. 3.62 - —
25-lb. fib. dms.....lb. 3.69 - —
Alphanaphthol, bbls.....lb. .32 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. 1.20 Nom.
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
dlvd. N. Y., Phil....100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
dlvd. N. Y., Phil....100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd. N. Y., Phil....100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. areas (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd. N.Y. price apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.75 - —
dlvd. N. Y., Phila....100 lbs. 3.75 - —
lump, bbls., works....100 lbs. 4.00 - —
dlvd. N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd. N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash, chrome, bbls.....lb. No price
Soda, bbls., c.l., works...100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, dlvd..lb. .35 - —
1 to 9, dlvd.....lb. .40 - —
smaller containers...lb. .50 - —
soluble, bbls., dlvd....lb. .33 - —
smaller containers, dlvd., lb. .45 - —
solut., 24%, bbls., c.l., dlvd..lb. .07½- —
l.c.l., 10 or over, dlvd. lb. .08¼- —
1 to 9, dlvd.....lb. .0863- —
normal, pwd., bbls., dlvd. lb. .33 - —
smaller containers, dlvd. lb. .35 - —
solut., 20%, bbls., c.l., dlvd..lb. .09 - —
l.c.l., 10 or over, dlvd. lb. .09¼- —
1 to 9, dlvd.....lb. .09 - —
Alumina, chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06¼- .06¾
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17¼- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l. .....lb. .19 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron free, bgs., c.l., works, 100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 1.85 - —
bbls., c.l., works.....100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum, 98-99%, c.l.....lb. .17 - —
l.c.l. .....lb. .18 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .60½- —
ink, dms., 1,500 lbs.....lb. .70½- —
standard, dms., 1,500 lbs...lb. .37½- —
powder, lining, extra fine, dms., 1,500 lbs..lb. .91 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .39 - —
rubber compound, dms., 1,500 lbs..lb. .38 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .41 - —
extra fine, dms., 1,500 lbs.lb. .43 - —
standard, dms., 1,500 lbs..lb. .38 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz. 15.00 - 25.00
Aminome thylpropanol, dms., works..lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
Aldehyde, dms., works.....lb. .65 - .70
Anhydrous, fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va..ton. 90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., dlvd., met. N.Y., lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .43 - —
1,000 lbs. to 3,900 lbs....lb. .44 - —
900 lbs., or less.....lb. .47 - —
Bicarbonate, dms., dlvd., Met. N.Y..lb. .0564- .0614
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14 - .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, dms., dlvd., Met. N.Y..lb. .08¼- .09¼
cns., same basis.....lb. .14¼- —
powdered, 1c. per lb. higher.
Chloride, tech., (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .13 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .25
pure gran.....lb. .27 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs., dom.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- .15
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., contr., f.o.b. cars, ports, Jan.-June shipt..ton. 29.00 - —
spot, same basis.....ton. 30.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Ammonia, sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys, works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
import, caks.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l. dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
cns., works.....lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .115 - —
l.c.l., frt. alld.....lb. .125 - —
tanks, frt. alld.....lb. .10½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, ens.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .15 - —
refd., l.c.l., dms., works..lb. .17½- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .65 - —
cns. .....lb. .52 - .55
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .40
import., natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angosturo bark, bls.....lb. .50 - .85
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .30 - .31
Cyprus, bgs.....lb. .29 - .29½
Mexican, bgs.....lb. No stocks
Star .....lb. .21 - .21½
Anisic aldehyde, bots.....lb. 2.60 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, brown, Bolivian, 67%.. lb. .16 - —
Chinese, black, 70%.....lb. .18 - .20
Oxide, bgs., c.l., dlvd.....lb. .12 - .13
l.c.l., dlvd.....lb. .12½- .14½
Salt, 65%, dms.....lb. .28 - —
bbls. .....lb. .36 - —
White pigment, bgs.....lb. .11¼- .14½
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz. 23.20 - 23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots.oz. 6.00 - 7.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. 5.00 Nom.
Root, bls.....lb. 1.25 Nom.
Arrowroot, St. Vincent, powd., bgs..lb. .06 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.50 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03½- —
l.c.l. .....lb. .04¼- —
Asafetida, cs.....lb. .36 - .37
powd., bbls., bxs.....lb. .54 - .55
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l., (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons). Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 17.50 - —
7M, bgs., c.l (30 tons), Canad. mines..ton. 15.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05¼- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant, lb. .06 - —
California, dms., c.l., f.o.b. N.Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y., lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton. 58.00 - —
jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
Asphaltum, petroleum, cut-back, tanks, Calif., refinery...ton. 12.50 - 14.00
East Coast, refinery...gal. .06 - .06¼
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz. 10.00 - 10.25
Sulphate, bots.....oz. 9.00 - 9.25

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .55 - .60
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 2.50 - 2.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton. 43.00 - —
precip., bgs., c.l., works..ton. 45.00 - —
l.c.l., works.....ton. 50.00 - —
bbls., c.l., works.....ton. 50.00 - —
l.c.l., works.....ton. 55.00 - —
Sulphur-free, c.l., works..ton. 50.00 - —
l.c.l., works.....ton. 55.00 - —
Chlorate, kgs.....lb. .45 Nom.
Chloride, CP, cryst., bbls....lb. .27 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis...ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton. 81.00 - —
bbls., same basis...ton. 83.00 - —
l.c.l., bgs., same basis. ton. 94.00 - —
bbls., same basis...ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis...ton. 89.00 - —
l.c.l., bgs., same basis. ton. 100.00 - —
bbls., same basis...ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis...ton. 85.00 - —
l.c.l., bgs., same basis. ton. 96.00 - —
bbls., same basis...ton. 98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .05½- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- .10¼
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech., (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 25.15 - —
l.c.l., same basis.....ton. 26.15 - —
paper bags, c.l., St. Louis. ton. 22.85 - —
l.c.l., same basis.....ton. 23.85 - —
ex whse., New York....ton. 31.50 - —
Southern, off color, bulk mines, ton. 12.00 - —
95.75%, bulk mines.....ton. 16.00 - —
ore, bulk mines.....ton. 7.00 - —
Cuban, crude, c.l., c.l.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock. ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk mines.....ton. 7.00 - 10.00
Bay leaves (see Laurel leaves).
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. 1.75 - 1.80
Root, bls.....lb. 2.00 Nom.
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnesqua, Colo..gal. .14 - —
Benzoyl chloride, cbys.....lb. .22 - .29
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c. cans.lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.80
Formate, cns.....lb. 2.75 - 3.80
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. 17.75 - 18.60
Hydrochloride, cns.....lb. 17.75 - 18.00
Sulphate, cns.....lb. 17.75 - 18.00
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .55 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.50 - —
kgs. .....lb. 2.70 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots., lb. 2.86 - —
jars .....lb. 2.75 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.52 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, bots., cns.....lb. 1.59 - 1.85
175-lb. bbls.....lb. 1.50 - —
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —

He *has* to take chances

A LION tamer risks his life every time he steps into the cage—and faces hundreds of pounds of power and ferocity that may go berserk at any moment. Even a revolver might be inadequate protection. He *has* to take chances.

Many shippers who use drums are taking chances, too—with tampering, leakage and waste. Yet these risks are never necessary. You can make sure *every drop* of your product is safe *every second* by equipping your drums with Tri-Sure Closures.

Tri-Sure Closures have a seal which cannot be removed unless it is deliberately destroyed, a plug which is always held tightly in place, a flange which assures complete drainage. This *triple* protection is *perfect* protection to your product and your reputation—to you and your customers. Be sure every shipment has it. Write today for complete information.

Tri-Sure

Reg. U.S. Pat. Off.

CLOSURES

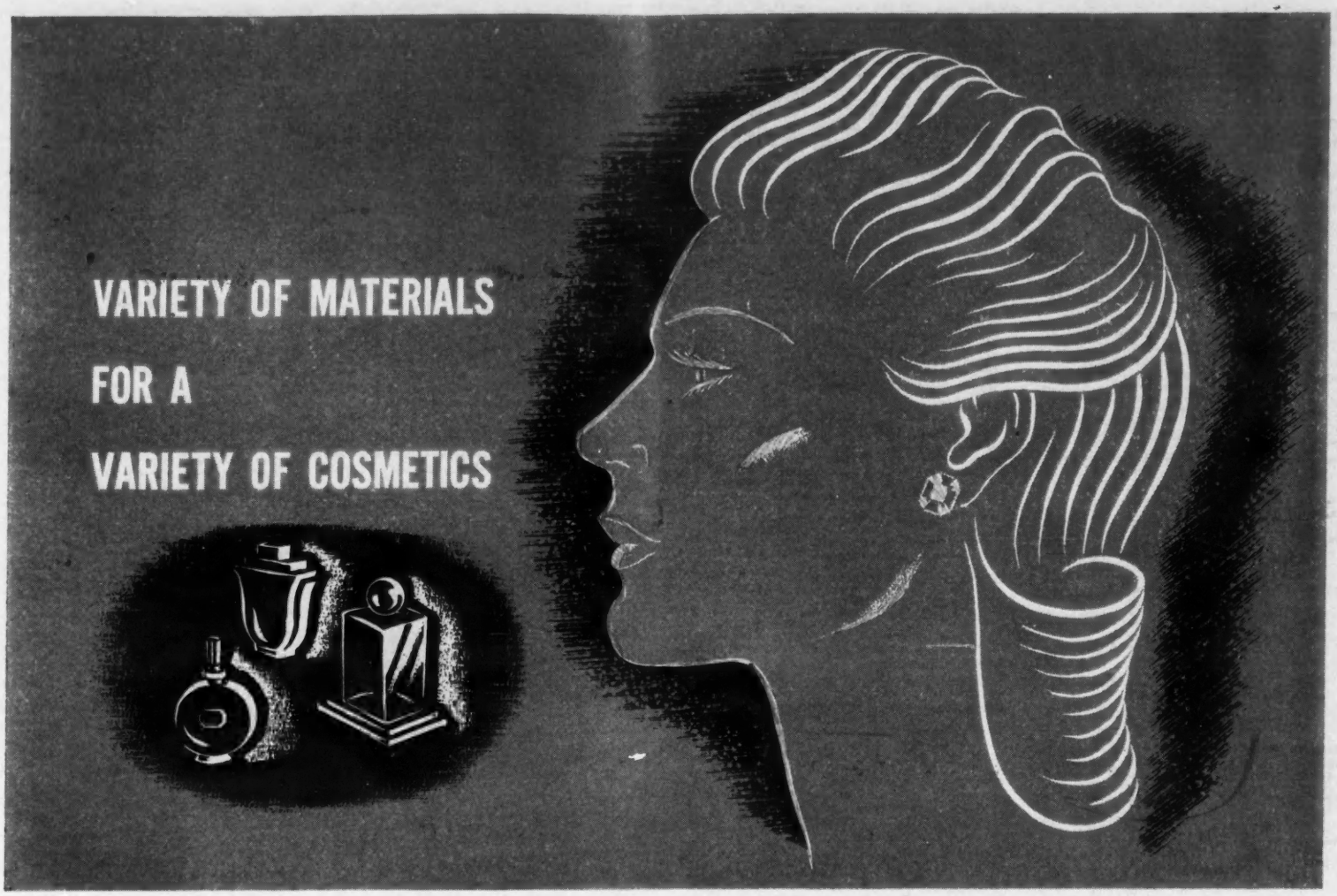
AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK

Bismuth Subgal.—Charcoal

Bismuth, subgallate, bots., cns.lb. 1.49 - 1.72
fib. dms.....lb. 1.40 - —
Subiodide, bots.....lb. 4.24 - —
fib. dms.....lb. 4.13 - —
Subnitrate, powd., bots., cns.lb. 1.29 - 1.57
250-lb. bbls.....lb. 1.20 - —
Subsalicylate, 60-66%, bots...lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.76 - —
fib. dms.....lb. 3.65 - —
Trioxide, powd., 5-lb. bots...lb. 3.76 - —
cns.....lb. 3.65 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld.E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3, bbls., bgs., c.l., frt. alld. E., lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E., lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., bgs., c.l., frt. alld. E., lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E., lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E., lb. .11 - —
l.c.l., frt .alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants.lb. .03325- —
f.o.b. North Atlantic ports..lb. .0430- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07½- —
dlvd..lb. .07¾- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .03175- —
f.o.b. North Atlantic ports..lb. .0415- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .06¾- —
dlvd..lb. .06¾- —
bulk, cars, c.l., f.o.b. plants, lb. .03 - —
f.o.b. New York harbor..lb. .0397- —
All carbon black prices are for delivery in March.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08¾- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns, c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y..lb. .05½- —
works..lb. .12½- .15½
dms., c.l., frt. alld.....lb. .09 - —
Black dyes are listed under Dyes.
Black Haw, root bark, bis.....lb. .40 - .45
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equaled..ton.70.00 - —
l.c.l., same basis..ton.75.00 -90.00
pulp, 66¾%, bbls., c.l., works, ton.35.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.25 - —
high-grade, gr., 16-17 ammon., bulk, f.o.b. Chicago, unit-ton. 3.50 - —
import, bgs., c.i.f. ports, shipt..unit-ton. 3.10 - —
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .80 - .85
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, contracts..lb. .33 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .33 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .33 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, concentrated, same basis, contracts..lb. .52 - —
regular, same basis, contracts, lb. .35 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .33 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.15 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
Blue ultramarine, dry or pulp, regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., 1c higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis, alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms.....lb. 1.70 - 1.84
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.34.00 - —
import, bgs., c.i.f. ports..ton.35.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.34.00 -35.00
import, bgs., c.i.f. ports..ton.34.00 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.40.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.40.00 - —
Boneset leaves, bls.....lb. .08½- .09
Borage flowers, bls.....lb. .45 - .48
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld.....ton.43.00 - —
ton lots, ex whse....ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld... ton.48.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld...ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse basis, frt. alld. to dest. in lots 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys.....lb. 1.42 - —
Bromstyrol.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .15 - .16
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11½- —
Metallic, iron oxide, bbls., wks., lb. .02¼- —
paper bgs., c.l., works.....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .13 - —
2, bbls., same basis....lb. .12 - —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09½- —
6, bbls., same basis....lb. .09 - —
7, bbls., same basis....lb. .08¾- —
8, bbls., same basis....lb. .08½- —
9, bbls., same basis....lb. .08 - —
10, bbls., same basis....lb. .08 - —
11, bbls., same basis....lb. .07½- —
12, bbls., same basis....lb. .07 - —
13, bbls., same basis....lb. .06¾- —
14, bbls., same basis....lb. .06¼- —
Raw, American, bbls., f.o.b. works..lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .13¼- —
2, bbls., same basis....lb. .12 - —
3, bbls., same basis....lb. .12¼- —
4, bbls., same basis....lb. .10¼- —
5, bbls., same basis....lb. .10¼- —
6, bbls., same basis....lb. .09¼- —
7, bbls., same basis....lb. .09½- —
8, bbls., same basis....lb. .08 - —
9, bbls., same basis....lb. .07½- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .05¾- —
umber, American, bbls., works..lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¾- —
St. Louis.....lb. .05¼- —
l.c.l., ex car Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles, Portland, San Francisco, Seattle..lb. .05¾- —
Boston.....lb. .04¾- —
Chcago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City.....lb. .05¾- —
Minneapolis.....lb. .0535- —
Pittsburgh.....lb. .05 - —
Vandyke, bbls., l.c.l.....lb. No prices
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .55 - .56
Buckthorn bark, true, bls.....lb. No prices
cut and sifted, bbls..lb. .85 - .90
Berries, bgs.....lb. .35 - .40
Burdock root, bls.....lb. .40 - .45
Burgundy pitch, dom., dms...lb. .06 - .06½
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks., lb. .14½- .16½
dms., c.l., frt. alld.....lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
tankwagons, frt. alld...lb. .09¾- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .08¼- —
dms., l.c.l., same terms.lb. .08¾- —
tanks, same terms.....lb. .07¼- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works...lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbonal, secondary, l.c.l., dms., works..lb. .60 - —
Butyl, chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55-gal. dms., works..lb. .35 - —
1-gal. cns., works.....lb. 1.00 - —
5-gal. cns., works.....lb. .75 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —
Butane, comi., 16-34°, tanks, group 3..gal. .02½- 03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more.....lb. 1.65 - —
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.23 - —
25-lb. cans.....lb. 4.09 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .95 - —
ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lbs. cns.....lb. 2.70 - —
1,000 lbs. or more, 100 lb. dms., lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. cns.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10-lb. cns., lb. 3.15 - —
Citrated, bots.....lb. 2.30 Nom.
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .80
Calamus root, peeled, N. F., cs., lb. No prices
bleached, bls.....lb. 1.00 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06½- —
l.c.l. .....lb. .06¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd.100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse.100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms., 77-88%, dms., c.l., dlvd..ton.20.50 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.83 - 2.25
Gluconate, USP, gran., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .65 - .85
Powd., 2c. per lb. higher.
Glycerophosphate, fib. d m s., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .24 - .25
Mandelate, dense, dms.....lb. 2.05 - —
fluffy, dms.....lb. 2.05 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 58-60% P_2O_5, bgs., c.l.f. Atlantic ports, shipt.unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l.; wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - .50
Calendula flowers, bls.....lb. .85 - .90
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.70 - —
Camphor, natural, powd., cs...lb. .73 - .74
slabs, cs.....lb. .73 - .74
tablets, tins.....lb. .80 - .81
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works...lb. .41 - —
USP, or import, gran.,powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots...lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs...lb. .0350- .0380
Morocco, bgs.....lb. .0400- .0450
Turkish, bgs.....lb. .0370- .0400
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 3.00 - 3.05
powd, bxs.....lb. 3.25 - 3.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. .66 - .68
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld..lb. .225 - —
l.c.l., same basis.....lb. .235 - —
tanks, same basis.....lb. .215 - —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .08 - .09
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .68½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.30 - 1.50
decorticated, cs.....lb. 1.15 - 1.20
green, Ceylon, afloat, bgs....lb. 1.25 - 1.30
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .17 - .18
Case-hardening mixture, 50% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .14½- —
5 tons, works.....lb. .14¾- —
smaller lots, works.....lb. .15 - —
8-100 mesh, bgs., c.l.....lb. .15 - —
5 tons, works.....lb. .15¼- —
smaller lots, works.....lb. .15½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .13 - .13¼
80-100 mesh, bgs., c.l., duty paid..lb. .13½- .13¾
French, 30 mesh., bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh., c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls. .19½- .20
No. 1 regular, bls.....lb. .18½- .19
shortsticks, bls.....lb. .14½- .15
broken, bls.....lb. .12 - .12½
China, buds, bags.....lb. .14 - .14½
Rolls, select, bls.....lb. .13 - .13½
broken, extra, bls.....lb. .12¼- .12¾
Saigon, No. 1, 4-10-4, bls....lb. .23½- .24
10-6-2, bls.....lb. .24 - .24½
all thin, bls.....lb. .25 - .25½
Cassia fistula, bskts.....lb. .15 - .16
Castoreum, nat., cns.....lb.12.50 -15.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't, c.&f., N.Y..long ton.39.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.l.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .70 - .72
Indian .....lb. .50 - .51
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld.....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctns., 5,000 lbs. and up, alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld.....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld.....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld.....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Triacetate, flake, frt. alld.....lb. .30 - —
Cerium hydrate, dms., works..lb. .38 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. 1.00 - 1.25
Roman, bls.....lb. 2.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.27.00 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex., (except El Paso), Ia.....ton.25.00 - —



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Charcoal—Dyes

Charcoal, softwood, gran., bgs., c.l., dlvd., Kansas, El Paso, Tex..ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02¼- —
l.c.l., bbls., works.....lb. .02⅝- —
tanks, works.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 90.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 90.0%, 325 mesh, bulk, c.l., works.. ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.18.00 -25.00
powd., cks., l.c.l., ex whse., ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.13
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd., N. Y...lb. .05¼- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt., equald., 100 lbs. 1.90 - —
2 works, frt. equald., 100 lbs. 2.40 - —
1, works, frt., equald., 100 lbs. 2.90 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., frt. alld..lb. .30 - —
100-lb. cyls., frt. alld.....lb. .35 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 12, works, lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8¼%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium cs..lb. .85 - .90
20 in., thick, cs.....lb. .85 - .90
20 in., medium, cs.....lb. .85 - .90
USP, broken quill, red bgs..lb. .20 - .21
yellow, bgs.....lb. .20 - .21
Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cns.100 ozs..oz. .53 - —

Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs..oz. .62 - —
large cryst., cns.100 ozs..oz. .66 - —
Sulphate, N.F., cns.100 ozs..oz. .42 - —

Cinchonine buyers must pay a surcharge of 8½c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.60 - —
1 and 5-lb. bots.....lb. 3.70 - 3.80
100 lbs., dms.....lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2, bls.....lb. .19½- .20
3 bls.....lb. No stocks
Citral, bots., cns.....lb. 2.00 - 2.50
Citrine ointment, jars.....lb. .96 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Amboyna, bgs.....lb. .20 - .26
Madagascar .....lb. .21½- .22
Zanzibar .....lb. .20½- .21
Clover tops, red, bgs.....lb. .35 - .40
dom., bgs.....lb. .30 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07¼- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08¼- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works..dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .80½- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.08 - —
Linoleate, paste, 8%, dms...lb. .31 - —
solid, 8¼%, bbls.....lb. .32 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls.....lb. .12 - —
2 %, cobalt oxide, bbls.....lb. .14 - —
3¼%, cobalt oxide, bbls.....lb. .17¼- —
precip., dms., dlvd.....lb. .24 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .27 - .28
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter bulk c.l. bgs..lb. .24 - —
Cocillana bark, bgs.....lb. .25 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100-ozs..oz.10.50 - —
Phosphate, cns., 100 oz.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.25.00 -26.00
Colchicum seed, bgs.....lb. 2.50 Nom.
Collodion, USP, dms., 325 lbs..lb. .15 - —
cns., 25 lbs.....lb. .16 - —
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .35 - .40
Condurango bark, bgs.....lb. .11 - .12
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns.....lb. .27 - .28
S.A., USP, cns.....lb. .29 - .30
Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .16½- .18
Chloride, anhy., bbls.....lb. .16 - .18
cryst. .....lb. .13½- .14½
Cyanide, tech., bbls.....lb. .34 - .36
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12 - .12½
Nitrate, cryst., bbls.....lb. .20 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .18½- .20
Red, com'l, kgs., f.o.b. N. Y. lb. .19 - .21
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 4.75 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.90 - —
6-15 bbls., same basis, 100 lbs. 5.00 - —
1-5 bbls., same basis, 100 lbs. 5.25 - —
monohydrated, dms., c.l., dealers, f.o.b. works.100 lbs. 8.60 - —
l.c.l., dealers.....100 lbs. 9.60 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. .0310 Nom.
Coriander, bgs.....lb. .06½- .07
bleached, bgs.....lb. .09 - .09½
Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 4.05 - —
slabs, bbls., c.l.....100 lbs. 3.41 - —
solid, bbls., c.l.....100 lbs. 3.58 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.52 - —
43°, bbls., c.l.....100 lbs. 3.57 - —
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.19 - —
gran., powd., dms., 50 lbs. or more..lb. 2.04 - —
Cottonroot bark, bls.....lb. .10 - .11
Cornsilk, bls.....lb. .17 - .18
Cottonseed, hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
meal, 8%, Southeast, mills.ton.26.50 -27.00
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .52½- —
smaller lots, bbls.....lb. .53 - —
kgs.....lb. .53½- —
Creosote, beechwood, bots.....lb. No prices
hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.90 - 2.20
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works.gal. .25 - —
tanks, works.....gal. .16 - .18½
Cresol, USP, dms., c.l., works.lb. .09¾- —
l.c.l., same basis.....lb. .10¾- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
5 and 10 gal. dms., works..lb. .15 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .08¼- —
l.c.l., works.....lb. .09¼- —
natural, c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 9.25 - —
Cube root, powd., rotenone, bbls., f.o.b. N. Y. C....lb. .19 - .21
4% rotenone prices are 3c. per lb. less.
Cubeb berries, XX, bgs.....lb. .44 - .45
powd., cs.....lb. .49 - .50
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .18 - .18½
Cyprus, bgs.....lb. .18 - .19
Indian, bgs.....lb. .16½- .17
Persian, bgs.....lb. .16⅝- .17¼
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04¾- —
Cyanamide, 22% N, pulv., bgs., dlvd., contracts, N..unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works..lb. .16 - —
Cyclohexanol, 98-100%, dms., works..lb. .23 - —
Cyclohexanone, 98-100%, dms., works..lb. .32 - —

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Damiana leaves, bls.....lb. .16 - .17
Dandelion root, German, bls..lb. .75 - .80
Decanol, normal, tech., 360 lbs., dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. .12 - .14
Degras, common dom., bbls...lb. .07½- .08½
neutral, dom., bbls.....lb. .13 - .16
Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y..lb. .21 - .23
4% rotenone prices are 2c. per lb. less.
Derris, extract, 25% rotenone, bulk, cns..lb. 3.00 - 4.00
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.15 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.25 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.85 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.05 - —
Potato, bgs., dom., c.l.....lb. .08 - —
l.c.l., bgs.....lb. .09 - .10
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .06 - —
l.c.l., ex whse.....lb. .10 - .16
Import, bgs., c.l., c.i.f.....ton. No prices
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .53 - —
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks, works.....lb. .14 - —
Dichloropentanes, dms., c.l., works...lb. .032 - —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethylcarbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Diethyl phthalate, dms., c.l., frt. alld..lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethyleneglycol, dms., c.l., works, lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.lb. .19 - —
Dillseed, cleaned, bgs.....lb. .07¾- .07¾
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd.lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns.....lb. .48 - .50
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-divi, Columbian.....ton.32.00 - —
Venezuelan .....ton.35.00 - —
Doggrass root, cut, NF, bls...lb. .60 - .65
Dogwood bark, Jamaica, bls...lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns., lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns....lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 19.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.15.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 3, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.35 - —
Ext. D&C red, No. 8.....lb. 7.35 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns..lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour index scale):—
38 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red YR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .90 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
843 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p.c. paste..lb. .15 - .16
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse):—

Black:—
865 Nigrosin derivatives..lb. .38 - .62
Blue:—
1075 Alizarin astrol base...lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—

Black:—
864 Nigrosin.....lb. .38 - .44
Blue:—
860 Indulin.....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoldin G.....lb. .95 - —
21 Chrysoldin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—

Black:—
246 Naphthol blue black S.lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B....lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y.....lb. .63 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G....lb. .40 - .52
332 Bismarck brown R....lb. .50 - .52
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B.....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G..lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
174 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX...lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M....lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echniacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .70 - .75
imported .....lb. .66 - .68
Elder flowers, bright, bls.....lb. .75 - .80
Elecampane root, bls.....lb. .14 - .15
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .19 - .20
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots....oz.24.00 -25.00
Ephedra, bls.....lb. .12 - .13
Ephedrine, USP hemihydrates, tins, 1,000 ozs..oz. .70 - —
100 ozs.....oz. .80 - —
anhyd., dms., 1,000-oz. lots.oz. .75 - —
100-oz. lots.....oz. .85 - —
Hydrochloride, tins, 1,000-oz. lots..oz. .55 - —
100-oz. lots.....oz. .65 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .58 - —
100-oz. lots.....oz. .63 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrwal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 1.55 - 1.60
Eserine, bots.....oz.50.00 -60.00
Salicylate, bots.....oz.42.00 -54.00
Sulphate, bots.....oz.42.00 -54.00
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .23 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .73 - —
Sulphuric, conc., 310-lb. dms., lb. .11 - —
27-lb. dms.....lb. .14 - —
Synth., dms., c.l., work.....lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks .....lb. .08 - —
USP, anesthesia, 27-lb. cns., lb. .26 - —
washed, dms.....lb. .27 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
95-98%, dms., c.l., frt. alld..lb. .07¾- —
l.c.l., frt. alld.....lb. .08¾- —
tanks, frt. alld.....lb. .06¾- —
NF, 390-lb. dms.....lb. .08¾- —
cns., 35 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 2.75 - 3.25
Crotonate, 55-gal. dms., works, lb. .35 - —
1-gal. cns., works.....lb. 1.00 - —
5 and 10-gal. dms., works, lb. .75 - —
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works.lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld..lb. .45 - —
less than 5,000 lbs., same basis..lb. .47 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0693- —
West of Rockies, same basis..lb. .0743- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0746- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., wks, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., wks, lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinaniline, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .80 - .90
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .09 - .10

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons...ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons...ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. .16 - .16½
French, bgs.....lb. .35 Nom.
Indian, bgs.....lb. .11½- .12
German, large, bgs.....lb. .33 Nom.
Roumanian, bgs.....lb. .11½- .12
Fenugreek seed, bgs.....lb. .05½- .06
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works..lb. .12 - —
smaller lots, works....lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13 - —
smaller lots, works....lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works....lb. .15 - —
Fir balsam, Canada, cns.....gal.16.50 -17.00
Oregon, bbls.....gal. 1.10 - 1.25
Fish berries, bgs.....lb. .26 - .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 4.25 & .10
meal, bgs., f.o.b. Balto....ton.60.00 -62.00
6-7% ammon., 3% phosphor. acid, bulk, Sc. Atlantic factories, contracts....unit-ton. 2.75 & .50
sardine, Japanese, 11½% ammon., bgs., c.l.f. ports..ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .55 - .60
Indian, blonde, bgs.....lb. .10 - .11

Dyes—Fustic

Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines..net ton.29.00 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines.net ton.19.00 -21.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.19.00 -21.00
Imported, 85.5, duty paid, short ton. No prices
Formaldehyde, bbls., c.l., works, lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0515- —
l.c.l., works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.15.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls.....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

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G Salt—Iron Chloride

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .08 - .08½
plantation, cases.....lb. .11 - .11½
cubes, Singapore, cases...lb. .09½- .10
extract, bbls.....lb. .09½- .12
Gasoline at refinery:—
Bayonne, US motor, tanks, ex tax gal. .0680- —
California (f.o.b. San Francisco), regular, tr...le tax incl..gal. .14 - —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax..gal. .06⅝- —
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax..gal. .04½- .04⅝
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax..gal. .04⅝- .05¼
natural, 18-55, tanks....gal. .0[illegible]- .02⅝
26-70, tanks.....gal. .02 - .02⅝
Gelatine, silver, cs.....lb. .60 - .67
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .42 - .44
grd., bbls., bxs.....lb. .46 - .48
powd., bbls., bxs.....lb. .47 - .49
Geraniol, 92-96%, cns., dms...lb. 1.41 - 2.05
other grades, cns., dms.....lb. 1.25 - 1.85
soap, cns., dms.....lb. .65 - 1.00
Ginger, African, No. 1, bgs....lb. .12¼- .12½
Cochin, lemon, nearby, bgs.lb. .11¼- .11½
Jamaica, bold, bgs.....lb. .17½- .18
medium, bxs.....lb. .16½- .17
grinding, bright, bgs.....lb. .16 - .17
Japanese, bgs.....lb. No stocks
Ginseng root, wild Southern, cs. lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works, 100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58 bgs., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
58/82 bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
82/108 millopose, bgs., c.l., dlvd..lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
hide, calcimine type, 58 millipoise, 135 jellygrams, bgs., c.l., dlvd. East Middlesweet. lb. .17 Nom.
l.c.l., same basis.....lb. .17½ Nom.
60/164, bgs., c.l., same basis, lb. .18½ Nom
l.c.l., same basis.....lb. .19 Nom.
67/122, bgs., c.l., same basis, lb. .19½ Nom.
l.c.l., same basis.....lb. .20 Nom.
75/222, bgs., c.l., same basis, lb. .22½ Nom.
l.c.l., same basis.....lb. .23½ Nom.
68/251, bgs., c.l., same basis, lb. .23½ Nom.
l.c.l., same basis.....lb. .24½ Nom.
92/283, bgs., c.l., same basis, lb. .24½ Nom.
l.c.l., same basis.....lb. .25½ Nom.
102/315, bgs., c.l., same basis..lb. .25½ Nom.
l.c.l., same basis.....lb. .26 Nom.
113/347, bgs., c.l., same basis..lb. .26 Nom.
125/379, bgs., c.l., same basis..lb. .27 Nom.
l.c.l., same basis.....lb. .28 Nom.
Glue prices for barrel packing, ½c. per lb. higher; grinding charge, 20-40 mesh, ½c. per lb.; 60 mesh, 1c. per lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¾- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .10¼- —
l.c.l., same basis..lb. .11¼- —
tanks .....lb. .09¾- —
refiners, dms., returnable, tanks, dlvd..lb. .08¼- .09⅝
soapiye, basis 80%, dms., returnable, tanks, dlvd..lb. .07½- .07⅝
Glycine, medicinal, bbls., tins.lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, both..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .16 - .16½
Goldenseal, root, bls.....lb. 2.50 - 2.55
powd., bxs.....lb. 2.75 - 2.80
Grains of paradise, bgs.....lb. .40 - .41
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07¼- —
l.c.l., works.....lb. .07½- —
Amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works..lb. .02½- —
l.c.l., works.....lb. .03½- —
bbls., c.l., works.....lb. .02⅝- —
80% graphite, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03⅝- —
l.c.l., works.....lb. .04½- —
Grease, house.....lb. .07½ Nom.
white .....lb. .07½ Nom.
yellow .....lb. .07¼ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd, N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis..lb. .23½- —
21-25%, bbls., same basis..lb. .24 - —
26-30%, bbls., same basis..lb. .24½- —
31-35%, bbls., same basis..lb. .25½- —
36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½- —
46-50%, bbls., same basis..lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9-10%, bbls., same basis, lb. .06¾- —
11-13%, bbls., same basis, lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
17-19%, bbls., same basis, lb. .07¾- —
20-21%, bbls., same basis, lb. .08 - —
22-23%, bbls., same basis, lb. .08¼- —
24-25%, bbls., same basis, lb. .08½- —
26-27%, bbls., same basis, lb. .08¾- —
28-29%, bbls., same basis, lb. .09¼- —
30-31%, bbls., same basis, lb. .10 - —
32-33%, bbls., same basis, lb. .11¼- —
34-35%, bbls., same basis, lb. .12¼- —
36-40%, bbls., same basis, lb. .14½- —
41-45%, bbls., same basis, lb. .16¼- —
46-50%, bbls., same basis, lb. .16¾- —
51-55%, bbls., same basis, lb. .17¼- —
56-60%, bbls., same basis, lb. .17¾- —
61-65%, bbls., same basis, lb. .18¼- —
66-70%, bbls., same basis, lb. .19¼- —
71-75%, bbls., same basis, lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .23 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .65 - —
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.65 - 1.67
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Gum, guarana, powd., cs.....lb. 1.20 - 1.25
Aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber sort, cleaned, bgs..lb. .16 Nom.
white, sorts, 1, bgs.....lb. .35 - .36
powd., bbls.....lb. .19 - .21
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 2.50 - 2.60
Sumatra, cs.....lb. .23 - .24
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
2, water white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13⅝- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11⅞- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis, lb. .23⅝- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10⅝- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09½- —
17, pale, fingers, bgs., c.l., same basis..lb. .18⅝- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18⅝- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22, small mixed nubs., bgs., same basis..lb. .10⅝- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11⅞- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
26, pale small nubs, c.l., same basis..lb. .10⅝- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06⅝- —
Batu, bold scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .06 - —
chips, bgs., c.l., same basis, lb. .05¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05¼- —
dust, bgs., c.l., same basis, lb. .05¾- —
nubs and chips, bgs., c.l., same basis..lb. .05¾- —
Gum, copal, Batu, black, bold, scraped, bgs., c.l., same basis..lb. .08¾- —
unscraped, bgs., c.l., same basis..lb. .05¾- —
nubs and chips, bgs., c.l., same basis..lb. .06½- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .12¾- —
chips, bgs., c.l., same basis. lb. .06¾- —
dust, bgs., c.l., same basis. lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .10½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis. lb. .08½- —
dust, bgs., c.l., same basis. lb. .05¼- —
nubs, bgs., c.l., same basis. lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis. lb. .12⅞- —
light, bskts., c.l., same basis..lb. .15⅜- —
Loba A, bskts., c.l., same basis..lb. .11¾- —
B, bskts., c.l., same basis, lb. .11¾- —
C, bskts., c.l., same basis. lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .08½- —
D, bskts., c.l., same basis. lb. .12⅞- —
DK, bskts., c.l., same basis. lb. .08 - —
dust, bskts., c.l., same basis..lb. .06 - —
Sambas and white split chips, bskts., c.l., same basis..lb. .15⅝- —
Singapore, dust, bskts., c.l., same basis..lb. .06 - —
Spirit-soluble, CBB, bskts., same basis..lb. .10⅝- —
DBB, bskts., c.l., same basis..lb. .10 - —
MA, bskts., c.l., same basis. lb. .07¾- —
MB, bskts., c.l., same basis. lb. .07¼- —
WS,bskts., c.l., same basis, lb. .10 - —
A/D, cs., c.l., same basis. lb. .13⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .08 - —
chips, pale, bskts., c.l., same basis..lb. .11¾- —
pale, small, bskts., c.l., same basis..lb. .09 - —
extra pale, sorts, bskts., c.l., same basis..lb. .10½- —
nubs, bskts., c.l., same basis..lb. .13½- —
scraped, bskts., c.l., same basis..lb. .14¾- —
seeds and dust, bskts., c.l., same basis..lb. .08¾- —
Pontianak, bold, genuine bgs., same basis..lb. .15⅜- —
mixed, bgs., c.l., same basis. lb. .14⅜- —
split, bgs., c.l., same basis. lb. .13¾- —
chips, bgs., c.l., same basis. lb. .10 - —
nubs, bgs., c.l., same basis. lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21⅝- —
A/C, cs., c.l., same basis..lb. .15¼- —
A/E, cs., c.l., same basis..lb. .12⅞- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .14⅝- —
D, cs., c.l., same basis...lb. .13¼- —
dust, cs., c.l., same basis.lb. .07⅝- —
E, cs., c.l., same basis...lb. .10 - —
F, cs., c.l., same basis...lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16⅝- —
2, cs., c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis....lb. .07¼- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07¼- —
seeds, cs., c.l., same basis.lb. .09⅞- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, c.l., dms., contract or spot, dlvd. N. Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .06 - —
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .06¾- —
Pacific Coast (water shipt.)..lb. .06½- —
Other points.....lb. .06¼- —
For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case.
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.05 - 1.10
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17⅜- —
Kino, tins.....lb. No prices
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs.....lb. 1.50 - 1.60
Myrrh, USP, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .35
Opium (see O.).
Rosin (see R).
Sandarac, cks.....lb. .52½- .55
Scammony, cs.....lb. 1.10 - 1.75
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Alleppo, 1 cs....lb. 2.75 - 2.85
2 cs.....lb. 2.45 - 2.60
3 cs.....lb. 2.10 - 2.20
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
Gypsum, Keen's cement, New Brighton, N.Y.; frt. equald., ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kans.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald.. ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., ton.12.00 - —
Harlem River, N. Y..ton.12.00 - —
import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .45 - .46
Heliotropin, cryst., cns.....lb. 3.00 - 3.40
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .06½- .07
Henbane leaves, bls.....lb. 2.50 - 2.75
Henna leaves, bls.....lb. .30 - .32
powd., bbls., bxs.....lb. .35 - .37
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3.. gal. .24 - —
l.c.l., 5 or more, dlvd., Group 3..gal. .29 - —
1-5, dlvd., Group 3.....gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.17.50 -18.00
Hoofmeal, 17-18% ammon., bulk, f.o.b Chicago..unit 2.75 - 2.80
Hops, N.F., bls.....lb. .20 - .21
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs...oz.20.00 - —
Sulphate, bots, 4 oz.....oz.21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. .03¾- .04
100 vols., cbys., E. of Miss. River: West Coast via Panama Canal..lb. .16 - .18¼
Hydroquinone, dealers, bbls., dms. lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.50 - 2.75
Hyoscine hydrobromide, bots..oz.65.00 -85.00
Hydrochloride, bots.....oz.74.00 -75.00
Hyoscyamine, bots.....oz.21.25 -22.25
Hydrobromide, bots.....oz.21.25 -22.25
Sulphate, bots.....oz.21.25 -22.25
Hypernic, ext., liquid, 50°, bbls. lb. .14 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse, Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
Alpha, extra, bots.....lb. 3.75 - 3.80
beta, bots.....lb. 3.10 - 3.15
beta, bots.....lb. 3.90 - 3.95
Ipecac root, bgs.....lb. 1.20 - 1.25
powd., bxs.....lb. 1.45 - 1.40
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .38
prime bleached, bls.....lb. .32 - .35
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08

Iron, chloride, liquor, cbys., wks., frt. alld. or equald.	lb.	.05	.06
USP X, cryst., bbls.	lb.	.07½	—
kegs	lb.	.08½	—
solut. cbys., works, frt. alld. or equald.	lb.	.06½	.07
djns.	lb.	.07½	—
Citrate, USP VIII, pearls	lb.	.72	.75
powd., cns.	lb.	.84	.87
scales, cns.	lb.	.77	.80
Glycerophosphate, bbls., bgs., 1,000-lb. lots	lb.	3.15	—
smaller lots	lb.	3.25	—
cns., 25 lbs.	lb.	3.37	—
Hypophosphite, bbls., dms.	lb.	1.50	1.60
Iodide, bots.	lb.	3.18	3.32
syrup, djns.	lb.	.39	—
bots.	lb.	.53	—
Nitrate, red, tech., dms.	lb.	.03½	.04
Oxalate, powd., kgs.	lb.	.47	—
cns.	lb.	.52	—
scales, cns.	lb.	.83	.85
Oxide, black, bbls., works	lb.	.08	—
Phosphate, ferric, pearls, cns., 50 lbs.	lb.	.54	—
25 lbs.	lb.	.57	—
scale, cns., 50 lbs.	lb.	.59	—
25 lbs.	lb.	.62	—
Pyrophosphate, pearls, cns.	lb.	.59	.62
scales, cns.	lb.	.64	.67
Reduced, 90%, cs.	lb.	.65	.75
Sulphate, tech. (see Coppers and ferric sulphate).			
Sulphate, USP, cryst., 275-lb. bbls.	lb.	.04½	—
dms., 100 lbs.	lb.	.06½	—
Iron-ammonia citrate, brown, gran., cns., dms.	lb.	.35	.37
pearls, cns.	lb.	.35	.36
scales, cns.	lb.	.47	.50
green, grn., cns.	lb.	.35	.36
pearls, cns.	lb.	.35	.36
scales, cns.	lb.	.47	.50
Iron-ammonia oxalate, bbls.	lb.	.23½	—
dms., kgs.	lb.	.25½	—
Iron-soda oxalate, bbls.	lb.	.23½	—
dms.	lb.	.25½	.26½
Isobutylacetate, 55-gal. dms., works.	lb.	.0790	—
tanks, works	lb.	.0690	—
Propionate, dms., works	lb.	.09½	—
Isopentane, 50-gal. dms., single, works.	gal.	.45	—
10-gal. dms., single, works.	gal.	.55	—
Isophorone, dms., works	lb.	.25	—
Isopropylamine, dms., works	lb.	.35	—
Isopropanol (see Alcohol, isopropyl).			
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld.	lb.	.11	—
55 gals., c.l., E. of Rockies, frt. alld.	lb.	.07½	—
55 gals., l.c.l., E. of Rockies, frt. alld.	lb.	.08	—
tanks, E. of Rockies, frt. alld.	lb.	.06½	—
Alcohol (see Alcohol).			
Ether, dms., 5 gals., frt. alld.,	gal.	.55	—
55 gals., c.l., E. of Miss., frt. alld.	gal.	.35	—
55 gals., c.l., W. of Miss., frt. alld.	gal.	.39	—
l.c.l., E. of Miss., frt. alld.,	gal.	.44	—
tanks, E. of Miss., frt. alld.,	gal.	.25	—
W. of Miss., frt. alld.,	gal.	.29	—

J

Jaborandi leaves, bls.	lb.	.11	.12
Jalap root, NF, bls.	lb.	.28	.31
powd., bbls., bxs.	lb.	.30	.32
resin, lump, 100-lbs. lots, cns.	lb.	5.85	—
powd., bxs.	lb.	5.90	—
Juniper berries, bgs.	lb.	Nominal	

K

Kamala, tins	lb.	.30	.32
Kaolin (see China clay).			
Kava kava root, bls.	lb.	.14	.16
Kerosene at refinery:—			
Bayonne, 41-43 w.w., tanks,	gal.	.0520	—
California (f.o.b. San Francisco) truck.	gal.	.11½	—
Gulf ports, p.w., bulk.	gal.	.07½	—
Louisiana - Arkansas, 41-43 w.w., bulk.	gal.	.04	.04¼
Oklahoma-Texas, 41-43 w.w., tanks.	gal.	.04⅛	.04⅜
Pennsylvania, 45 w.w., tanks,	gal.	.05¼	.05¼
Kieserite, cal., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.08	.09

L

Lady slipper root, bls.	lb.	.36	.37
Lanolin (see Adeps lanae)			
Lard, city, tubs	100 lbs.	8.75	9.00
Middlewestern, trcs.	100 lbs.	8.35	8.45
Neutral, trcs.	100 lbs.	9.75	10.00
Western, choice, trcs.	100 lbs.	8.45	8.55
Compound, trcs.	100 lbs.	11.25	11.50
Larkspur seed, bgs.	lb.	1.90	Nom.
Laurel berries, bls.	lb.	.25	.26
Leaves, bls.	lb.	.68	.70
Lavender flowers, ordinary, bls.	lb.	.60	.65
medium, bls.	lb.	.80	.85
select, bls.	lb.	.90	.95
Lead acetate, white, broken, bbls.,	lb.	.11	—
cryst., bbls.	lb.	.11	—
gran., bbls.	lb.	.11¾	—
powd., bbls.	lb.	.11¾	—
Arsenate, bgs., c.l.	lb.	.09	.09½
l.c.l., bgs.	lb.	.09½	.10
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.			
Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06¼	—
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06¼	—
l.c.l., dlvd. E.	lb.	.06½	—
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07	—
Carbonate (see Lead, white).			
Chloride, fib. dms., 100 lbs.	lb.	.49	—
Iodide, NF V, powd., 5-lb. bots.	lb.	2.30	—
jars	lb.	2.60	—
Linoleate, pale, precip., dms.,	lb.	.19	—
Metal (see daily quotations in market report).			
Metallic, paste, 200-lb. cont., f.o.b. works.	lb.	.10	—
5-lb. cont., f.o.b. works.	lb.	.22	—
Nitrate, bbls.	lb.	.11	.14
Peroxide, powd., bbls., tech.	lb.	.23	—
Oleate, bbls.	lb.	.18½	.28
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0860	—
Other points	lb.	.0835	—
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash.	lb.	.09	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09½	—
Colo., Mont., N. Mex., Wyo.	lb.	.09¼	—
Other points	lb.	.08¾	—
smaller lots, Ala., etc.	lb.	.09¼	—
Ariz., etc.	lb.	.10	—
Colo., etc.	lb.	.09¾	—
other points	lb.	.09¼	—
Lead, red, dry, 97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.0985	—
other points	lb.	.0860	—
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08¼	—
Ariz., etc.	lb.	.09¾	—
Colo., etc.	lb.	.07½	—
other points	lb.	.09	—
smaller lots, dlvd. Ala.	lb.	.09¾	—
Ariz., etc.	lb.	.10¼	—
Colo., etc.	lb.	.10	—
other points	lb.	.09½	—
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.0910	—
other points	lb.	.0885	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.09½	—
Ariz., etc.	lb.	.10	—
Colo., etc.	lb.	.09¾	—
other points	lb.	.09¼	—
smaller lots, dlvd. Ala., etc.	lb.	.10	—
Ariz., etc.	lb.	.10½	—
Colo., etc.	lb.	.10¼	—
other points	lb.	.09¾	—
In oil, 95% min., 100-lb. kgs.,	lb.	.12½	—
Resinate, fused, 15%, bbls.	lb.	.09½	—
pale, bbls.	lb.	.11½	—
Silicate, bgs., 5 tons	lb.	6.59	—
smaller lots	lb.	7.01	—
Stearate, bbls.	lb.	.25	—
Sulphate (see Lead, white basic sulphate).			
Titinate, bgs. or bbls., c.l. (20 tons), works, frt. alld.	lb.	.10¼	—
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.10½	—
Pac. Cst., ex whse.	lb.	.10½	—

Iron Chloride—Lecithin

Lead, titinate, l.c.l., smaller lots, E. frt. alld.	lb.	.10¾	—
Pac. Cst., ex whse.	lb.	.10¾	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07¾	—
other points	lb.	.07½	—
l.c.l., dlvd. Ariz., etc.	lb.	.08	—
other points	lb.	.07¾	—
basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06¾	—
other points	lb.	.06½	—
l.c.l., dlvd. Ariz., etc.	lb.	.07	—
other points	lb.	.06¾	—
in oil, 100-lb. kgs., consumers,	lb.	.13¼	—
dealers	lb.	.11¼	—
painters	lb.	.12¼	—
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.			
Lecithin, 100%, cns., f.o.b., N. Y. or Chi.	lb.	2.50	—
edible, grade 1, dms., c.l., same basis.	lb.	.45	—
l.c.l., same basis.	lb.	.47½	.65
grades 2 or 3, dom., c.l., same basis.	lb.	.47½	—
l.c.l., same basis.	lb.	.50	.67½
grade 4, dms., c.l., same basis.	lb.	.50	—
l.c.l., same basis.	lb.	.52½	.70
purified, cs., dms., c.l., same basis.	lb.	.65	—
l.c.l., same basis.	lb.	.67½	.85

RCI

1123 BECKACITE

SYNTHETIC RESIN

FOR ENAMELS THAT FLOW

HIGH GLOSS . . GOOD FLOW

GOOD PACKAGE STABILITY

SPECIFICATIONS:

Color . . . . . M-K

Acid No. . . 25-35

Melting Range 266°-284°F.

Tests run on enamels made with No. 1123 Beckacite show these surface coatings to have high gloss, good flow and good package stability. They do not print after an overnight dry, become dust-free in three quarters of an hour to one hour and fifteen minutes and tack-free in four to five hours. And varnish makers' linseed oil may be used rather than a pre-bodied linseed oil—an economy feature of considerable importance to the formulator.

This outstanding synthetic resin is typical of the complete line of RCI synthetics, products that meet specific formulating requirements. For more complete information, write:

RCI WORLD-WIDE DISTRIBUTION

REICHHOLD CHEMICALS INCORPORATED

DETROIT MICHIGAN

Lecithin—Milk Powder

Lecithin, tech., grade 1, dms., c.l., same basis	lb.	.35 - —
l.c.l., same basis	lb.	.37½- .53
grade 2 or 3, dms., c.l., same basis	lb.	.37½- —
l.c.l., same basis	lb.	.40 - .57½
grade 4, dms., c.l., same basis,	lb.	.40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls	lb.	.20 - .25
Licorice extract, mass, cs	lb.	No prices
powd., bbls	lb.	No prices
root, cuttings, bls	lb.	.15 - .16
powd., bbls., bxs	lb.	.15 - .16
select, bdls, cs	lb.	.50 - .60

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.		
Bellefonte, Pa	ton.	7.00 - —
Berkley, W. Va	ton.	7.00 - —
Carey, Ohio	ton.	7.00 - —
Cedar Hollow, Pa	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	6.25 - —
Eagle Mountain, Va.	ton.	7.00 - —
Farnams, Mass	ton.	8.00 - —
Gibsonburg, Ohio	ton.	7.00 - —
Hannibal, Mo	ton.	6.50 - —
Keystone, Ala	ton.	7.00 - —
Knoxville, Tenn	ton.	6.25 - —
Limedale, Ark	ton.	7.00 - —
Longview, Wash	ton.	8.00 - —
Martinsburg, W. Va.	ton.	7.00 - —
Menominee, Mich	ton.	8.00 - —
Mitchell, Ind	ton.	8.50 - —
Newala, Ala	ton.	6.25 - —
Rincon, Cal	ton.	13.00 - —
Ripplemead, Va	ton.	7.00 - —
Riverton, Va	ton.	7.00 - —
San Francisco, Cal.	ton.	13.00 - —
Scioto, Ohio	ton.	6.50 - —
Springfield, Mo	ton.	7.00 - —
Woodville, Ohio	ton.	7.00 - —
York, Pa	ton.	7.00 - —
hydrated, paper bags, f.o.b.		
Bellefonte, Pa	ton.	8.50 - —
Berkley, W. Va	ton.	8.50 - —
Buffalo, N. Y	ton.	10.00 - —
Carey, Ohio	ton.	8.50 - —
Cedar Hollow, Pa	ton.	8.00 - —
Crab Orchard, Tenn.	ton.	9.00 - —
Eagle Mountain, Va.	ton.	9.00 - —
Farnams, Mass	ton.	8.50 - —
Gibsonburg, Ohio	ton.	8.50 - —
Hannibal, Mo	ton.	8.50 - —
Keystone, Ala	ton.	9.00 - —
Knoxville, Tenn	ton.	9.00 - —
Le Roy, Minn	ton.	10.00 - —
Lime Crest, N. J	ton.	8.50 - —
Limedale, Ark	ton.	9.00 - —
Longview, Ala	ton.	9.00 - —
Louisville, Ky	ton.	14.50 - —
Manistique, Mich	ton.	9.00 - —
Marblehead, Ohio	ton.	9.50 - —
Martinsburg, W. Va.	ton.	8.50 - —
Mitchell, Ind	ton.	9.00 - —
Newala, Ala	ton.	9.00 - —
Potoskey, Mich	ton.	9.00 - —
Port Island, Mich	ton.	9.00 - —
Rapid City, S. D	ton.	12.00 - —
Ripplemead, Va	ton.	9.00 - —
San Francisco, Cal.	ton.	16.00 - —
Springfield, Mo	ton.	9.00 - —
Woodville, Ohio	ton.	8.50 - —
York, Pa	ton.	8.50 - —
slurry, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00 - —
Carey, Ohio	ton.	11.00 - —
Farnams, Mass	ton.	9.50 - —
Gibsonburg, Ohio	ton.	11.00 - —
Lime Crest, N. J	ton.	8.50 - —
Marblehead, Ohio	ton.	11.00 - —
Scioto, Ohio	ton.	10.00 - —
Woodville, Ohio	ton.	11.00 - —
York, Pa	ton.	9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex.	lb.	.07½- .08½
dms., same basis	lb.	.10½- —
400 lbs., or more, bgs., same basis	lb.	.07¾- .08¾
dms., same basis	lb.	.11 - —
less than 400 lbs., same basis	lb.	.08½- .09½
dms., same basis	lb.	.12 - —
solution, Zone 1, dms., consumers	gal.	.16 - —
Zone 2, tanks, dealers, wks.,	gal.	.08½- —
30-50, dms	gal.	.11 - .16
Zone 3, tanks, dealers, dlvd.,	gal.	.07½- —
30-50 dms	gal.	.10½- .14½
Zone 4, tanks, dealers, wks.,	gal.	.08 - —
dms., wks., except Cal.	gal.	.12 - —
Zone 5, tanks, dealers, dlvd.	gal.	.10½- —
dms.	gal.	.12 - —
Zone 6, tanks, dealers	gal.	.07½- —
30-50 dms	gal.	.10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minns., Mo. and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter. W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy. N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns	lb.	3.10 - 4.00
Linalyl acetate, 70%, cns	lb.	2.75 - 3.50
90%, cns	lb.	3.75 - 4.45
92%, cns	lb.	4.25 - 5.00
Linden flowers, with leaves, bls	lb.	.50 - .55
without leaves, bls	lb.	.55 Nom.
Linseed cake, bgs., export	ton.	21.00 Nom.
meal, bgs	ton.	23.00 -24.00
Litharge, com'l powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark.; Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0760- —
Other points	lb.	.0735- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.08½- —
Colo., Mont., N. Mex., Wyo.	lb.	.08¼- —
Other points	lb.	.07¾- —
Litharge, com'l powd., bbls., smaller lots, dlvd., Ala.	lb.	.08½- —
Ariz., etc	lb.	.09 - —
Colo., etc	lb.	.08¾- —
Other points	lb.	.08¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd	lb.	1.90 - —
50 lbs., works	lb.	1.93 - —
25 lbs., works	lb.	1.95 - —
Carbonate, 250-lb. bbls	lb.	1.25 - —
100-lb. kgs	lb.	1.30 - —
Chloride, 25-lb. jars	lb.	1.65 - 1.70
Citrate, 250-lb. bbls	lb.	1.40 - —
25-lb. dms	lb.	1.45 - —
100-lb. kgs	lb.	1.40 - —
Fluoride, bbls	lb.	2.10 - 2.25
Iodide, 5-lb. bots	lb.	4.85 - —
25-lb. jars	lb.	4.70 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)	lb.	.05¼- —
smaller lots	lb.	.05¼- —
bbls., c.l. (20 tons)	lb.	.05½- —
smaller lots	lb.	.05¾- —
ordinary, bgs., c.l. (20 tons)	lb.	.0385- —
smaller lots	lb.	.0410- —
bbls., c.l. (20 tons)	lb.	.0410- —
smaller lots	lb.	.0435- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort, leaves, bls	lb.	.60 - .65
Lobelia, herb, bls	lb.	.23 - .25
Seed, bgs	lb.	.35 - .36
Logwood extract, cryst., bbls.	lb.	.20 - .24
liquid, 51°, bbls	lb.	.10½- .12½
solid, bxs	lb.	.16½- .20½
Lovage root, dms., bls	lb.	.45 - .50
imported, bls	lb.	.45 Nom.
Lupulin, N.E., tins	lb.	1.65 - 1.70
Lycopodium, cs	lb.	4.50 - 4.75

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Mace, Banda, cs	lb.	.47 - .48
Batavia, cs	lb.	.30 - .31
Siauw, cs	lb.	.37 - .38
West Indian, cs	lb.	.39 - .39½
Madder, Dutch, bbls	lb.	.22 - .25
Magnesia, arsenate, dms	lb.	.18 - .20
Calcined, tech., USP, bbls., wks.	lb.	.26 - —
Carbonate, tech., Zone 1, c.l., bgs.	lb.	.06¼- —
bbls.	lb.	.07½- —
kgs.	lb.	.08¾- —
l.c.l., bgs	lb.	.07¼- —
bbls.	lb.	.08½- —
kgs.	lb.	.09¾- —
Zone 2, c.l., bgs	lb.	.06¼- —
bbls.	lb.	.07½- —
kgs.	lb.	.08¾- —
l.c.l., bgs	lb.	.07 - —
bbls.	lb.	.08¼- —
kgs.	lb.	.09½- —
USP, Zone 1, c.l., bgs	lb.	.08 - —
bbls.	lb.	.08½- —
kgs.	lb.	.09¾- —
l.c.l., bgs	lb.	.09 - —
bbls.	lb.	.09½- —
kgs.	lb.	.10¾- —
Zone 2, c.l., bgs	lb.	.08 - —
bbls.	lb.	.08½- —
kgs.	lb.	.09¾- —
l.c.l., bgs	lb.	.08¾- —
bbls.	lb.	.09¼- —
kgs.	lb.	.10½- —
Other points	lb.	.08 - —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. allds., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd., l.c.l.	lb.	.13 - —
flake, dom., bbls., wks., c.l.,	tons	32.00 - —
l.c.l., bbls., wks	ton.	39.00 -42.00
Hydroxide, med., 200-lb. bbls.	lb.	.25 - —
25-lb. dms	lb.	.30 - —
100-lb. kgs	lb.	.26 - —
Hypophosphite, cns., 100 lbs.	lb.	1.45 - —
Oxide (see Calcined).		
Palmitate, bbls	lb.	.33 Nom.
Peroxide, 15%, dms., works.	lb.	1.00 - 1.35
Silicate (see Talc).		
Silicofluoride, bbls	lb.	.11 - .11¼
Stearate, bbls., ctns., c.l.	lb.	.23 - —
1 ton	lb.	.24 - —
1,000-2,000 lbs	lb.	.25 - —
smaller lots	lb.	.26 - —
Sulphate (see Epsom salt).		
Trisilicate, 1,000-lb. contracts, dms.	lb.	.40 - —
smaller lots, dms	lb.	.45 - —
cs. 500-lb. lots	lb.	.43 - —
100-lb. lots	lb.	.45 - —
5-lb. cns	lb.	.63 - —
Magnesite, cal., dom., bgs	ton.	67.00 -75.00
imports, bgs., duty paid	ton.	No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00 -25.00
Malva flowers, black, bls	lb.	.90 - .95
blue, bls	lb.	.90 - .95
Leaves, bls	lb.	.40 - .45
Manaca root, bls	lb.	.23 - .24
Mandrake root, bls	lb.	.12 - .13
Manganese acetate, dms	lb.	.26½- —
Arsenate, bgs	lb.	.12 - .12½
Borate, tech., bbls	lb.	.15 - .16
Carbonate, bbls	lb.	.19 - —
Chloride, bbls	lb.	.14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works.	ton.	71.50 - —
5-15 tons, works	ton.	74.50 - —
½, 4 tons, works	ton.	79.50 - —
Caucasian, 85-90%, bbls., c.l., works.	ton.	74.00 - —
l.c.l., 5 tons, works	ton.	77.00 - —
smaller lots, works	ton.	82.00 - —
burlap bgs., c.l., works.	ton.	71.75 - —
l.c.l., 5 tons, works	ton.	74.75 - —
smaller lots, works	ton.	79.75 - —
paper bgs., c.l., works	ton.	70.00 - —
l.c.l., 5 tons, works	ton.	73.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots	lb.	2.90 - —
smaller lots	lb.	3.00 - —
cns., 25 lbs	lb.	3.12 - —
Hydrate, bbls., dlvd	lb.	.82 - —
Iodide, bots., 5 lbs	lb.	5.70 - —
jars, 25 lbs	lb.	5.55 - —
Linoleate, liquid, 4%, dms	lb.	.18 - .19½
solid, precip., 8.2%, bbls	lb.	.19 - —
Ore, Cuban, 51-52%, basis Atl. ports	unit-ton.	.71 Nom.
Resinate, fused, 3½%, bbls.	lb.	.08¼- .08½
precip., dms	lb.	.12 - —
Manganese sulphate, anhyd., ton lots, wks.	lb.	.10¼- —
single, bbls., works	lb.	.10¾- —
fertilizer, 65%, MnSo., bgs., c.l., dlvd., South.	ton.	57.00 - —
l.c.l., bgs	ton.	65.00 -75.00
Mangrove bark, bgs., shipt	ton.	36.00 - —
Manna flake, large, cs	lb.	2.00 Nom.
small, cs	lb.	1.50 Nom.
Mannitol, com'l grade, bbls., ton lots, works.	lb.	.35 - —
smaller lots, works	lb.	.40 - —
reagent grade, 50-lb. cs., or multiples, works.	lb.	.85 - —
Marble flour, bgs	ton.	12.00 -14.00
Marjoram, French, No. 1	lb.	.60 - .61
Tunisan, bls	lb.	.33 Nom.
Chilean	lb.	.10½- .11
Menthol, natural, Chinese, cs.	lb.	4.05 - 4.15
Japanese, cs	lb.	4.10 - 4.20
synthetic, USP, cs	lb.	3.65 - —
Menthyl salicylate, tins, 100-lb. lots.	lb.	3.00 - —
25-lb. lots	lb.	3.10 - —
Mercurial ointment, 30%, pails.		
50 lbs	lb.	1.34 - —
25 lbs	lb.	1.36 - —
50% pails, 50 lbs	lb.	1.94 - —
25 lbs	lb.	1.96 - —
Mercury (see Quicksilver).		
Ammoniated (see White precipitate).		
Bichloride (see Corrosive sublimate).		
Bisulphate, 5-lb. bots	lb.	2.82 - —
100-lb. fib. dms	lb.	2.69 - —
25-lb. jars	lb.	2.71 - —
Chloride (see Calomel).		
Cyanide, cryst	lb.	4.00 - 4.05
powd.	lb.	4.05 - 4.10
Iodide, red, NF, 5-lb. bots	lb.	4.51 - —
100-lb. fib. dms	lb.	4.40 - —
yellow, 5-lb. bots	lb.	4.61 - —
fib. dms., 100 lbs	lb.	4.50 - —
Nitrate ointment (see Citrine ointment).		
Oxide, red, NF (see Red precipitate).		
tech. (see Red, mercury oxide).		
yellow, tech. (see Yellow, mercury oxide).		
USP, fib. dms., 50 lbs., or more	lb.	3.18 - —
Mercury and chalk, 5-lb. ctns.	lb.	1.85 - —
25-lb. fib. dms	lb.	1.73 - 1.75
Mesityl oxide, dms., c.l., dlvd.	lb.	.11½- —
l.c.l., dlvd	lb.	.12 - —
tanks, dlvd	lb.	.10½- —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	2.50 - —
composition, 5½x5½ in.	pkg.	3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in.	pkg.	15.00 - —
silver, 3⅜x3⅜ in.	pkg.	3.00 - —
Metanitroparatoluidin, bbls.	lb.	1.05 - 1.10
Metaphenylenediamine, kgs.	lb.	.65 - —
Metatoluylenediamine, kgs.	lb.	.65 - —
Methanol, natural, producer group A, denat., grade tanks.	gal.	.45 - —
95%, tanks	gal.	.41 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Miss. river. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

group B, pure, tanks, frt. alld. Zone 1.	gal.	.30 - —
Zone 2	gal.	.32 - —
Zone 3	gal.	.34 - —
Zone 4	gal.	.34½- —
dms., c.l., Zone 1	gal.	.35½- —
Zone 2	gal.	.37½- —
Zone 3	gal.	.39½- —
Zone 4	gal.	.41½- —

Methanol, natural, group B, dms., l.c.l., Zone 1 gal. .38 - —; Zone 2 gal. .45½- —; Zone 3 gal. .42 - —; Zone 4 gal. .53½- —

group B, 95%, frt. alld., prices 2c. less than pure, all zones.

97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Methanol, synthetic, pure, dms., c.l., Zone 1, frt. alld. gal. .35½- —; 2, frt. alld. gal. .37½- —; 3, frt. alld. gal. .39½- —; 4, frt. alld. gal. .41½- —

l.c.l., Zone 1, frt. alld. or dlvd. gal. .38 - —; 2, frt. alld. or dlvd. gal. .43½- —; 3, dlvd., S. F. and L. A., gal. .42 - —; 4, frt. alld. or dlvd. gal. .53½- —

tanks, Zone 1, frt. alld. gal. .30 - —; 2, frt. alld. gal. .32 - —; 3, frt. alld. gal. .34 - —; 4, frt. alld. gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R.	lb.	.10½- —
W. of Miss. R.	lb.	.11½- —
l.c.l., dms., dlvd., E. of Miss. R.	lb.	.11 - —
W. of Miss. R.	lb.	.12 - —
tanks, dlvd. E. of Miss. R.	lb.	.09½- —
W. of Miss. R.	lb.	.10½- —
tech., dms., c.l., dlvd. E. of Miss. R.	lb.	.07 - —
W. of Miss. R.	lb.	.08 - —
l.c.l., dlvd. E. of Miss. R.	lb.	.07½- —
W. of Miss. R.	lb.	.08½- —
tanks, dlvd. E. of Miss. R.	lb.	.06 - —
W. of Miss. R.	lb.	.07 - —
Acetoacetate, dms., c.l., works, frt. alld.	lb.	.29½- —
Acetone, natural, grouo A producers, E. of Rockies, frt. alld., tanks.	gal.	.40 - —
dms., c.l., same basis	gal.	.45½- —
l.c.l., same basis	gal.	.50½- —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, natural, group B, producers, tanks, Zone 1.	gal.	.35 - —
Zone 2	gal.	.37 - —
Zone 3	gal.	.39 - —
Zone 4	gal.	.39½- —
Methyl acetone, natural, group B producers, dms., c.l., Zone 1, gal. .40½- —; Zone 2 gal. .42½- —; Zone 3 gal. .44½- —; Zone 4 gal. .46½- —; l.c.l., Zone 1 gal. .43 - —; Zone 2 gal. .50½- —; Zone 3 gal. .47 - —; Zone 4 gal. .58½- —		

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Methyl acetone, synthetic, tanks, Zone 1.	gal.	.37½- —
Zone 2	gal.	.39 - —
Zone 3	gal.	.40 - —
dms., c.l., Zone 1	gal.	.45½- —
Zone 2	gal.	.47 - —
Zone 3	gal.	.48 - —
l.c.l., Zone 1	gal.	.49 - —
Zone 2	gal.	.51½- —
Zone 3	gal.	.52½- —
Alcohol (see Methanol).		
Anthranilate, bots	lb.	2.00 - 2.30
Benzoate, cns., 25 lbs	lb.	.70 - 1.00
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.	lb.	.32 - —
service men and consumers, cyl.	lb.	.36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers.	lb.	.36 - —
service men and consumers, cyl.	lb.	.40 - —
tanks, multi-unit, mach. mfrs. and jobbers.	lb.	.31 - —
service men and consumers.	lb.	.35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls	lb.	2.75 - 3.25
Formate, dms	lb.	.89 - —
Lactate, dms., l.c.l., dlvd.	lb.	.80 - —
Iodide, bots	lb.	4.00 - 4.15
Salicylate, dms	lb.	.35 - .37
cns	lb.	.37 - .40
Molybdated violet toner, bbls.	lb.	.35 - —
Methylamyl ketone, dms., works, l.c.l.	lb.	.25 - —
smaller containers, same basis,	lb.	.28 - —
Methylcellulose, dms., 2,000 lbs. or more, works.	lb.	.50 - —
100 to 1,999 lbs., works	lb.	.55 - —
1 to 99 lbs., works	lb.	.60 - —
Methylcyclohexane, 98-100%, dms., works.	lb.	.16 - —
Methylcyclohexanol, 98-100%, dms., works.	lb.	.23 - —
Methylcyclohexanone, 98 - 100%, dms., works.	lb.	.32 - —
Methylene blue, medcl., kgs., 100 lbs.	lb.	2.00 - —
cns., 5 lbs	lb.	2.35 - —
Chloride, dms., f.o.b. works.	lb.	.18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.,	lb.	.07½- —
l.c.l., same terms	lb.	.08 - —
tanks, same terms	lb.	.06½- —
Methylhexyl ketone, dms., tech., works.	lb.	.60 - —
Methylisobutyl ketone, dms., c.l., dlvd.	lb.	.11½- —
l.c.l., dlvd	lb.	.12 - —
tanks, dlvd	lb.	.10½- —
Methylnaphthyl ketone, dom., cryst., bots.	lb.	2.40 - 2.50
imp., bots	lb.	3.10 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee	ton.	9.00 - —
l.c.l., same basis	ton.	11.00 - —
180 mesh, containers extra, c.l., same basis.	ton.	11.00 - —
l.c.l., same basis	ton.	13.00 - —
250 mesh, containers extra, c.l., same basis.	ton.	12.00 - —
l.c.l., same basis	ton.	14.00 - —
325 mesh, containers extra, c.l., same basis.	ton.	15.00 - —
l.c.l., same basis	ton.	17.00 - —
400 mesh, containers extra, c.l., same basis.	ton.	17.50 - —
l.c.l., same basis	ton.	19.50 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works.	ton.	30.00 - —
l.c.l., 5,000 lbs., works,	ton.	40.00 - —
1,000 lbs., works.	lb.	.02 - —
500 lbs., works.	lb.	.02½- —
100 lbs., works.	lb.	.03 - —
refined, bgs., extra and returnable, c.l., works,	ton.	20.00 - —
l.c.l., 5,000 lbs., works,	ton.	30.00 - —
paint, bgs, extra and returnable, c.l., works.	ton.	55.00 - —
l.c.l., 5,000 lbs., works,	ton.	65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works.	ton.	35.00 - —
l.c.l., 5,000 lbs., works.	ton.	45.00 - —
1,000 lbs., works.	lb.	.02½- —
500 lbs., works.	lb.	.03 - —
roofing, bgs., extra and returnable, c.l., works.	ton.	29.00 - —
l.c.l., 5,000 lbs., works,	ton.	39.00 - —
paint, bgs, extra and returnable, c.l., works.	ton.	60.00 - —
l.c.l., 5,000 lbs., works,	ton.	70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.	lb.	.04½- —
l.c.l., ex whse., or frt. alld. E.	lb.	.05 - —
paper, wall or coated, bgs., c.l., frt. alld. E.	lb.	.04¾- —
l.c.l., ex whse., or frt. alld. E.	lb.	.04⅞- —
rubber, bgs., c.l., frt. alld. E.	lb.	.04 - —
l.c.l., ex whse., or frt. alld. E.	lb.	.04½- —
Biotite, bgs., c.l., frt. alld. E.	lb.	.03½- —
l.c.l., ex whse, or frt. alld. E.	lb.	.04 - —

Wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk, powder, skimmed, roller, bbls., c.l.	lb.	.07 - —
l.c.l.	lb.	.08 - —
spray, bbls., c.l.	lb.	.07½- —
l.c.l.	lb.	.08½- —
unskimmed, roller, bbls., c.l.,	lb.	.15½- —
l.c.l.	lb.	.16½- —
spray, bbls., c.l.	lb.	.16 - —

Millet seed, yellow, bgs.....lb. .0250-.0280
early fortune, bgs.....lb. .02¼- .02¾
hulled, bgs.....lb. .06½- .06¾
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .08 - —
f.o.b. Gulf ports.....gal. .07½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Me. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100% c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms. works..lb. .20 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Monoethylanilin. dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .60 - —
l.c.l., dlvd.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.00 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cans.....lb. .15 - .16
flowers, cns.....lb. 2.00 Nom.
Musk, nat., Tonquin, grained, bots..oz.30.00 -35.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.75 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 4.20 - —
ketone, cns., 100 lbs. or more. lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.00 - —
1 lb.....lb. 4.35 - —
xylol, cns., 100 lbs. or more. lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.55 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown. lb. .16 - .16½
yellow, bgs.....lb. .16 - .16½
Chinese, yellow, bgs.....lb. .08½- .09
Danish, yellow.....lb. .26½- .27
Mustard seed, Dutch, yellow, bgs..lb. No stocks
English, yellow, bgs.....lb. .26 - .27
Montana, yellow, bgs.....lb. .11½- .12
Roumanian, yellow.....lb. .15 - .15½
Myrobalans, J1, bgs., f.a.s...ton. No price
J2, bgs., f.a.s.....ton. No price
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. .07½- .08

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., tanks, works.....100 lbs. 2.25 - —
78 deg., tanks, works.100 lbs. 2.50 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07 - —
50-lb. cs., same basis...lb. .07¼- —
pkgs. (16 oz.), same basis.lb. .07½- —
(12 oz.), same basis..pkg. .06¼- —
Nerolin, crystal., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lu. .09 - —
tanks .....lb. .07 - —

Millet Seed—Oil, Corn

Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., wks. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35 eps., ¼, ½ sec., bbls., c.l., dry weight, works.....lb. .22 - —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
ester-soluble, 5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works. lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.90 - —
f.o.b. Chemical, Ill.unit-ton. 1.90 - —
f.o.b. East Coast producing points..unit-ton. 2.20 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works. lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works. lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., oz....lb. .26 - .29
Chinese .....lb. .21 - .22
Extract (see Gall extract).
Nutmegs, E. I., 80s, bgs., cs..lb. .18½- .19
110s, bgs., cs.....lb. .16½- .17
small, grinding, bgs.....lb. .15½- .16
West Indian, bgs.....lb. .18 - .18½
Nux vomica, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .11 - .12

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .02¼- —
l.c.l., bbls., works.....lb. .01¾- —
tanks .....lb. .02¼- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12¼- —
l.c.l., G.3.....gal. .17 - —
tanks, G.2.....gal. .10½- —
Octanol, normal, tech., 320-lb. dms., dlvd..lb. .35 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. No stocks
s.p.s., bots.....lb. No stocks
sweet, true, exp., cns.....lb. 1.55 - 1.95
Amber, crude, cns.....lb. No stocks
ref'd, cns.....lb. No stocks
Amyris, cns.....lb. 4.00 - 5.00
Angelica, root, bots.....lb.135.00 -150.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .80 - .85
Apricot, kernels, cns.....lb. .43 - .44
Bay, W. I., 50-55% phenols, cns..lb. 1.10 - 1.30
55-60% phenols, cns.....lb. 1.20 - 1.45
Bergamot, artif., cns.....lb. 3.75 - 4.00
natural, coppers.....lb.22.00 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. .45 - .65
rect'd., cns.....lb. 1.15 - 1.40
Bois de rose, Brazil, cns....lb. 2.15 - 2.60
Cade USP IX (see Oil Juniper tar).
Cajeput, tech., dms.....lb. .65 - .70
USP IX, cns.....lb. .75 - .80
Calamus, cns.....lb. 8.25 Nom.
Camphor, sassafrassy, cns...lb. .24 - .25
dms. .....lb. .21 - .22
white, cns.....lb. .27 - .30
dms. .....lb. .24 - .27
Cananga, native, cns.....lb. 5.50 - 5.75
rectified, cns.....lb. 6.00 - 7.00
Capsicum (oleoresin), USP VIII, cns..lb. 3.75 - 4.75
Caraway, USP, cns.....lb. 9.00 Nom.
Cardamom, bots.....lb.22.00 -27.00
Cassia, USP, cs., dms.....lb. 2.25 - 2.50
Castor, blown, one-way dms., c.l..lb. .11¾- —
l.c.l. .....lb. .12¾- —
cold pressed, USP, bbls., c.l. lb. .10¼- —
l.c.l .....lb. .11 - —
cns. (1-gal.), l.c.l.....lb. .14 - —
dms. (returnable), c.l...lb. .10 - —
l.c.l. .....lb. .10¾- —
(5-gal.), l.c.l.....lb. .12 - —
tanks .....lb. .09¼- —
dehydrated, dms., c.l.....lb. .1420- —
l.c.l. .....lb. .1460- —
tanks .....lb. .13½- —
extracted No. 3, tech., bbls., c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
dms. (returnable), c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
tanks .....lb. .09¼- —
sulphonated, 50% (43% fat), dms., c.l..lb. .06½- —
l.c.l. .....lb. .07½- —
75% (63% fat), dms., c.l..lb. .09¼- —
l.c.l. .....lb. .10¾- —
80% (68% fat), dms., c.l..lb. .09½- —
l.c.l. .....lb. .10½- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums ¼c. higher, all points.

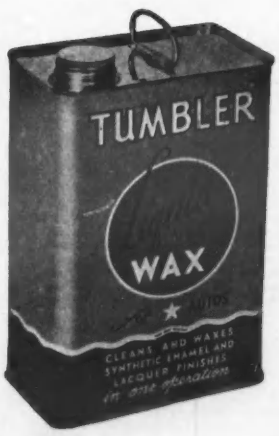
Cedarleaf, cs.....lb. .90 - .95
dms. .....lb. .85 - .90
Cedarwood, Southeast, cns..lb. .27 - .28
dms .....lb. .25 - .26
Celery, bots.....lb.24.00 -30.00
Chaulmoogra, USP, cns.....lb. .68 - —
Chinawood, dms.....lb. .30¼ Nom.
tanks .....lb. .28½ Nom.
Cinnamon, Ceylon, bots..... lb. 9.75 -27.00
Citronella, Ceylon, cns.....lb. .44½- .52
dms. .....lb. .42½- .50
Java, cns., dms.....lb. .41 - .50
Clove, makers, USP, cns.....lb. 1.20 - 1.25
dms. .....lb. 1.15 - 1.20
Cocenut, Manila, crude, tanks, lb. .06¼ Nom.
edible, 76°, dms., c.l.....lb. .11 Nom.
l.c.l. .....lb. .11½ Nom.
tanks .....lb. No prices
Cod, Newf., bbls.....gal. .75 Nom.
Codliver, med., USP, bbls...bbl.80.00 -85.00
Coriander, bots.....lb.17.00 -18.00
Corn, crude, tanks, wks.....lb. .09¾ Nom.
refd., bbls.....lb. .11½ Nom.

A newly waxed car . . . and a spring thunderstorm. That's a combination to sadden the brightest day.

But here's what the J. A. Tumbler Laboratories of Baltimore, Md., say about their product—"Tumbler Liquid Wax leaves a hard, dry protective coating that won't rainspot".

Crown Cans provide the ideal container for Tumbler Liquid Wax—while providing perfect protection en route, on the dealers' shelves, in the home or public garage.

If you haven't "tumbled" to the added sales appeal Crown Cans will give *your* product . . . it's about time we got together.



CROWN CAN COMPANY, PHILADELPHIA, PA., *Division of Crown Cork and Seal Company,* Baltimore • St. Louis • Houston • Madison • Orlando • Fort Wayne • Nebraska City.

CROWN CAN

INDEPENDENT AND HELPFUL

Oil, Cottonseed—Oil, Ylang Yi'g

Oil, cottonseed, cooking, bbls..lb. .10¾- —
salad, bbls.....lb. .11 - —
Creosote (see C).
Croton, N.F., cns.....lb. 2.50 - 2.75
Cubeb, USP, cns.....lb. 3.35 - 3.50
Crude (see Petroleum, crude).
Cumin, bots.....lb. 9.00 -10.00
Cypress, bots.....lb. 5.25 - 5.50
Degrass (see D).
Dill seed, bots.....lb. 5.25 - 6.00
weed, bots.....lb. 5.50 - 5.60
Dip (see L).
Erigeron, cns.....lb. 2.25 - 2.30
Eucalyptus, cns.....lb. .68 - .71
dms.....lb. .65 - .68
Fennel, sweet, cns.....lb. 2.00 - 2.10
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb.14.00 -15.00
Bourbon, cns.....lb.14.00 -15.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.60 - 1.65
Grapeseed, dom., dms.....lb. .35 - .36
imported, dms.....lb. .15 - .20
Ginger, dist., bots.....lb. 5.25 - 5.50
Guaiac wood, concrete, bots..lb. 3.50 - 3.75
Haarlem. imp., bots.....gross. No prices
Halibut liver, ref.. dms....gal.40.00 - —
Hemlock, cns.....lb. .85 - .95
Juniper, berry, cns.....lb. 9.00 Nom.
wood, tech., cns.....lb. No stocks
Juniper tar, USP XI, cns....lb. .50 - .55
Lard, common, 1, bbls.....lb. .10¾- —
2, bbls.....lb. .10⅝- —
extra, bbls.....lb. .11¼- —
1, bbls.....lb. .11 - —
Winter, strained, bbls....lb. .11½- —
prime, burning, bbls.....lb. .12 - —
prime, ined., bbls.....lb. .11¾- —
Oil, laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. 5.00 - 6.00
Lavender flower, French, 50% ester, cns..lb. No prices
38-42% ester, cns.....lb.10.00 -12.00
35-38% ester, cns.....lb. No prices
30-32% ester, cns.....lb. No prices
garden, cns.....lb. .55 - .70
spike, Spanish, tech.. cns..lb. 1.95 - 2.15
dms.....lb. 1.90 - 2.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 4.75 - 5.00
Terpeneless, Type 1.....lb.10.75 -17.00
Type 2.....lb. 8.50 -15.00
Lemongrass, native, cns., dms., lb. 1.10 - 1.15
Lime, dist., cns.....lb. 5.50 - 6.00
expressed, cns.....lb. 8.75 - 9.25
Terpeneless .....lb.60.00 -65.00
Linaloe wood, cns.....lb. 1.75 - 2.00
Linseed, raw, dms., c.l.....lb. .1070- .1090
l.c.l., 10 to 69.....lb. .1100- .1120
5 to 9.....lb. .1130- —
less than 5.....lb. .1150- —
tanks .....lb. .1000- .1020
Boiled linseed oil .004 cent over raw.
Lovage, extra fine, bots.....lb.85.00 - —
Lubricating, at refinery, ex tax
California, neutrals, pale, 100-600 vis., 2½-4, tanks, gal. .07¼- .11
red, 200-900 vis., 4-6½ plus, tanks..gal. .07¼- .11½
Group 3, bright stocks, 100-210 D. 0-25 pour, tanks, gal. .13½- .19
neutrals, 150-400 vis., 3-3½, 0-10 pour, tanks..gal. .08½- .12½
Oil, lubricating, Group 3, neutrals, 200-280 vis., 3, 15-25 pour, tanks..gal. .08½- .10½
Pennsylvania, bright stocks, S color, 140-150 vis., 10-25 pour, tanks..gal. .16 - .18½
cylinder oils, 600-630 flash, tanks..gal. .10 - .12
600-650 steam ref'd.. tanks..gal. .09½- .13
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks, gal. .22 - .26½
200 vis., 0-25 pour, tanks..gal. .24 - .28½
Mace, dist., cns., dms.....lb. 2.25 - 2.40
Mandarin, superior, coppers.lb. 9.00 -10.00
Menhaden, crude, tanks, fut., Balto..gal. .50 Nom.
ref'd, alkali, dms.....lb. .1080- —
kettle-boiled, dms.....lb. .1180- —
light-pressed, dms.....lb. .0980- —
tanks .....lb. .0880- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns..lb. 1.50 - 1.60
dist., natural, bots.....lb. 9.50 -10.00
Neatsfoot, 20° cold test, bbls., lb. .16¼- —
extra, bbls.....lb. .11¼- —
1, bbls.....lb. .11 - —
prime, bbls.....lb. .11½- —
pure, bbls.....lb. .12¼- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.200.00 -325.00
Nutmeg, dist., cns., dms....lb. 2.25 - 2.40
Oleo, 1, bbls.....lb. .11 - —
2, bbls.....lb. .10¾- —
Oiticica, dms.....lb. .17½- .18
Oil, olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., dms.....gal. 3.10 Nom.
edible, Calif., dms.....gal. 4.05 - 4.10
imported, dms.....gal. 3.10 Nom.
foots, dms.....lb. .13¾ Nom.
sulphonated, 50% (40% fat), dms., c.l..lb. .09½- —
l.c.l. .....lb. .10½- —
75% (63% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13½- —
80% (68% fat), dms., c.l..lb. .127 - —
l.c.l. .....lb. .137 - —
Orange, sweet, dist., cs.....lb. .90 - —
expressed, Calif., cns.....lb. 2.25 - —
Florida, cns.....lb. 1.50 - 1.60
Messina, USP, coppers...lb. 8.00 Nom.
West Indies, cns.....lb. No stocks
terpeneless .....lb.42.00 -50.00
Origanum, cs.....lb. 1.50 - 1.55
Palm, Niger, dms.....lb. .05¾ Nom.
softs, 12½%, bulk, shipt..lb. .05¼ Nom.
Sumatra, shipt., bulk.....lb. .05¼ Nom.
Palmarosa, cns.....lb. 3.00 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05½- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 4.75 - 5.00
Peanut, crude, nom., tanks..lb. .08¾ nom.
refd., edible, bbls.....lb. .11¼ Nom.
Pennyroyal, dom., cns.....lb. 3.00 Nom.
import, cns.....lb. 2.25 - 2.50
Peppermint, natural, cns., dms. lb. 3.40 - 3.65
redist., USP, cns., dms.....lb. 3.65 - 3.90
Perilla, dms.....lb. .18 - .18¼
tanks .....lb. .17 - —
Petitgrain, Paraguay, cns...lb. 1.60 - 1.65
dms.....lb. 1.55 - 1.60
Pimento berry, cns.....lb. 4.65 - 5.00
leaf, cns.....lb. 2.25 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .50 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns...lb. 1.30 - 1.35
Putty, bbls., E. Segundo, Richmond, Cal..gal. 22¼- —
contracts .....gal. 19¼- —
Whiting, Ind.....gal. 28 - —
dms., c.l., Boston, Providence, gal 28 - —
l.c.l., same basis.....gal. 27 - —
tanks, same basis.....gal. 18 - —
Martines, Cal.....gal. 28 - —
Rapeseed, tax incl., dms.....lb. .12 - .12¼
tax not incl., tanks.....lb. .06¾- —
blown, dms.....lb. .17½- —
Red, dist., or saponif., dms., dlvd..lb. .10½- .11½
tanks, dlvd.....lb. .09¾- —
Rose, synth., bots.....oz. 1.35 - 2.00
natural, coppers.....oz.11.00 -20.00
Rosemary, Spanish, cns.....lb. .83 - .88
dms.....lb. .80 - .85
Rosin, 1st rectified, dms....gal. .40 - —
2d rectfd., dms.....gal. .42 - —
3d rectfd., dms.....gal. .46 - —
Rue, bots.....lb. 6.25 - 6.50
Sage, cns.....lb. No stocks
Sandalwood, E.I. USP, cns..lb. 4.95 - 5.25
Mysore, cns., case lots.....lb. 5.50 - 5.75
Sardine, crude, fut., tanks, Pac. Cst..gal. .55 Nom.
refd., alkali, dms.....lb. .1080- —
kettle-bodied, dms.....lb. .1180- —
light-pressed, dms.....lb. .0980- —
tanks .....lb. .0880- —
Sassafras, artif., cns.....lb. .75 - —
dms.....lb. .72 - —
natural, cns., dms.....lb. 1.00 - 1.25
Savin, cns.....lb. No stocks
Savory, cns.....lb. 3.75 Nom.
Shark liver, crude, dms..... million vitamin units. .10 - —
Sesame, crude, coast, tanks..lb. .09½ Nom.
shingle stains, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.50
Soybean, dom., crude, dms...lb. .09¼- .09¾
tanks .....lb. .08¾ Nom.
refd., dms.....lb. .10 - .10¾
tanks .....lb. .09¼- .09¾
Spearmint, dms.....lb. 2.50 - 2.60
Sperm, bleach, 38°, dms.....lb. .1170- —
45°, dms.....lb. .1100- —
natural, dms.....lb. .1050- —
Spruce, cns., dms.....lb. .85 - .95
Sweet, birch, North, cns.....lb. 2.75 - 3.50
South, cns.....lb. 1.50 - 1.85
Tall, crude, dms., c.l., works, ton.40.00 - —
l.c.l., works.....ton.45.00 -50.00
tanks, works.....ton.30.00 - —
distilled, dms., c.l., dlvd..lb. .06¼- .07
l.c.l., dlvd.....lb. .06¼- .06¼
tanks dlvd.....lb. .06 - .06¾
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04¼- —
tanks, works.....lb. .06¼- —
Tallow, acidless, bbls.....lb. .10¾- —
tanks .....lb. .10¼- —
Tansy, cns.....lb. 4.50 - 4.75
Tar, pine, com'l, dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports, c.l.....gal. .28 - —
l.c.l. .....gal. .27 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., l.c.l., dlvd. E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .18¼ Nom.
refined, dms.....lb. .22 Nom.
Tea tree (see Oil, Ti tree).
Thyme NF, red, cns.....lb. 1.55 - 2.50
white, cns.....lb. 1.65 - 2.75
Tung (see Oil, Chinawood).
Ti tree, cns.....lb. 2.60 - 2.80
Turkey red (see castor, sulphonated.
Turpentine (see T).
Turtle, cns.....gal. 8.50 - —
Vetiver, bots.....lb. 6.00 -10.00
Whale, ref., natural, dms...lb. .0950- —
winter, bleach, dms.....lb. .0990- —
Wheat germ, cns., dms.....gal.17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms..gal. .30 - .37
65-75 vis., dms.....gal. .32 - .39
80-90 vis., dms.....gal. .33 - .40
USP, 95-105 vis., dms..gal. .39¼- .46½
125-135 vis., dms.....gal. .45 - .53
140-150 vis., dms.....gal. .47 - .55
175-185 vis., dms.....gal. .50½- .58¼
200-210 vis., dms.....gal. .53½- .61¾
320-330 vis., dms.....gal. .60 - .66
335-345 vis., dms.....gal. .61 - .69
Russian, 80-90 vis., dms...gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North, cns..lb. 4.75 - 6.00
South, cns.....lb. 3.50 - 3.85
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.50 - 2.60
Wormwood, cns.....lb. 4.50 - 4.75
Ylang-ylang, Bourb., bots., cns., lb.12.50 Nom.
Manila, bots.....lb.40.00 -41.00

AMERICAN MANUFACTURED AROMATICS OF *Exceptional Quality*

Acetophenone
Aldehyde C-8
Aldehyde C-10
Aldehyde C-12M
Aldehyde C-14
Aldehyde C-16 100%
Aldehyde C-18 100%
Aldehyde C-20 (Raspberry Aldehyde)
Alpha Amyl Cinnamic Aldehyde
Amyl Salicylate (Trefol-Orchid)
Anisic Alcohol
Benzalacetone (Benzylidin Acetone)
B-Methyl Phenyl Glycidic Acid Ethyl Ester
Benzaldehyde, ffc.
Benzoic Acid Ethyl Ester
Benzoic Acid Methyl Ester
Benzophenone Extra
Benzyl Acetate Ia, ffc.
Benzyl Alcohol, ffc.
Benzyl Benzoate, ffc.
Benzyl Cinnamate
Benzyl Salicylate
Bornyl Acetate
Bromelia
Bromstyrol pure
Cinnamic Alcohol
Cinnamic Aldehyde 100% ffc.
Cinnamyl Acetate
Cinnamyl Butyrate
Cinnamyl Formate
Cinnamyl Iso Butyrate
Cinnamyl Propionate
Citronellol
Cumarin 100%
Cuminic Aldehyde
Diacetyl
DiMethyl Anthranilate
DiMethyl Hydroquinone
DiPhenyl Oxide
Ethyl Benzoate
Ethyl Cinnamate
Ethyl Methyl Phenyl Glycidate
Ethyl Phenyl Acetate
Ethyl Phthalate
Ethyl Vanillin (Vanillose)
Geraniol Extra
Geraniol Pure
Geraniol T
Heptylidine Acetone
Hyacinthin Special
Hydratropic Aldehyde
Hydrocinnamic Alcohol
Hydrocinnamic Aldehyde 100%
Hydroxy Citronellal Special
Indol
Indolene
Ionone Ketone
Ionone Methyl
Ionone Terpenes
IsoBornyl Acetate
IsoButyl Furyl Propionate
Iso Jasmone
IsoButyl Salicylate
Methyl Acetophenone (Melilot)
Methyl Amyl Ketone
Methyl Anthranilate
Methyl Anthranilate of Methyl (DiMethyl Anthranilate)
Methyl Benzoate (Niobe-Oil)
Methyl Cinnamate
Methyl Iso Amyl Ketone
Methyl Nonyl Ketone
Methyl Naphthyl Ketone (Orangeol A)
Methyl Phenyl Acetate
Methyl Phenyl Carbinol (Styralyl Alcohol)
Methyl Phenyl Glycidate of Ethyl
Methyl Salicylate (Oil of Wintergreen Art.)
Nerolin Bromelia
Nerolin Yara Yara
Niobe Oil (Methyl Benzoate)
Para Cresyl Acetate
Para Cresyl Caprylate
Para Cresol Ethyl Ether
Para Cresol Methyl Ether
Phenyl Acetaldehyde DiMethyl Acetal
Phenyl Ethyl Acetate
Phenyl Ethyl Butyrate
Phenyl Ethyl Iso Butyrate
Phenyl Ethyl Alcohol
Phenyl Ethyl Cinnamate
Phenyl Ethyl Cinnamate
Phenyl Propyl Alcohol
Phenyl Propyl Aldehyde
Pineapple Base Special
Rhodinol
Styralyl Acetate
Styralyl Alcohol (Methyl Phenyl Carbinol)
Terpineol
Terpineol Alpha Extra
Tetra Hydro Para Methyl Quinoline
Tolyl Aldehyde
Undecalactone
Vanillin Crystals C.P.
Vanillose (Ethyl Vanillin)
Yara Yara

PRODUCT GL 4C A non-toxic wetting agent and detergent with excellent foaming qualities for Liquid Dentifrices, Soapless Shampoos, Brushless Shaving Creams, etc.

INDOL.

COLLORESIN Replaces Gum Tragacanth satisfactorily.

UTMOST PURITY for use in Cosmetics and Perfumes for pure finished products.

UNIFORMITY means economy in time and expense.....with uniform, trouble free results.

DEPENDABILITY lies in this continuous American source of supply . . . insuring uninterrupted availability . . . proper packing . . . prompt shipping.
You can depend upon our Aromatics to give the superiority of bouquet that you desire.

Request for samples on your firm's letterhead will be promptly answered

PROTECT YOUR SOURCE OF SUPPLY BY USING THE ABOVE PRODUCTS MANUFACTURED IN THE U. S. A.

Aromatics Division
GENERAL DRUG COMPANY

644 PACIFIC ST., BROOKLYN, N. Y.
TRANSPORTATION BLDG., LOS ANGELES,
9 S. CLINTON ST., CHICAGO
1019 ELLIOTT ST., W., WINDSOR, ONT

Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
crushed, 6 mesh, bulk, c.l., works..ton. 8.50 - —
paper bags, c.l.,works..ton. 9.50 - —
ground, 325 mesh c.l., mines, ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium, gum, USP, 50-lb. lots, cns..lb.11.50 - —
25-lb. lots, cns.....lb.11.75 - —
5-lb. lots, cns.....lb.12.00 - —
1-lb. lots cns.....lb.12.15 - —
Prices on powd. and gran. USP opium are $1 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .11½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¾- —
Other points.....lb. .11¼- —
smaller lots, dlvd., Ala., etc..lb. .12 - —
Ariz., etc.....lb. .12½- —
Colo., Mont., N. M., Wyo..lb. .12¼- —
Other points.....lb. .11¾- —
French, Tours, casks, ex dock. lb. No prices
kgs., ex dock.....lb. No prices
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .45 - .50
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .10 - .12
Orris root, Florentine, bgs....lb. .80 Nom.
fingers, cs.....lb. 1.50 Nom.
powd., bbls., bxs.....lb. .85 Nom.
Verona, bls.....lb. .75 Nom.
powd., bgs., cns.....lb. .80 Nom.
Orthoamylphenol, l.c.l., dms., works..lb. .15 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloraniliin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works..lb. .16 - —
l.c.l., same basis.....lb. .16½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.... lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.
Orthonitroaniliin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol,cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .80 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange extract, cryst., bbls. lb. .21 - —
liquid, 42°, bbls.....lb. .09 - —
51°, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 1.40 - 1.45
Paprika, Algerian, bgs.....lb. .33 - .34
Bulgarian, bgs.....lb. .27½- .28
Portuguese, fancy, bgs.....lb. .32 - .33
good, bgs.....lb. .28½- .29
Spanish, extra fancy, cs.....lb. .38½- .39
medium, cs.....lb. .37 - .38
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms, c.l..lb. .11 - .12
l.c.l. .....lb. .12½- .13½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla. refy..lb. .03½ Nom.
bbls., c.l., N.Y.....lb. .03½ Nom.
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .03½ Nom.
bbls., c.l., N.Y.....lb. .03½ Nom.
yellow, 124-126 A.m.p., bbls., c.l., N.Y..lb. .03½ Nom.
fully refd., bgs., 123-125 A.m.p., bgs., c.l..lb. .0570- —
128-130 A.m.p., bgs. or loose, c.l..lb. .0570- —
131-133 A.m.p., bgs. or loose, c.l..lb. .0595- —
133-135 A.m.p., bgs. or loose, c.l..lb. .0625- —
135-137 A.m.p., bgs. or loose, c.l..lb. .0650- —
138-140 A.m.p., bgs. or loose, c.l..lb. .0725- —
142-145 A.m.p., bgs. or loose, c.l..lb. .0820- —
151-153 A.m.p., bgs. or loose, c.l..lb. .15 Nom.
Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is 5c. lower.
match, A.m.p., up to and incl. 110-112 bbls., c.l..lb. .03½- —
Semi-refd., solid, 122-124 A.m.p., bgs..lb. .03 - —
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C...lb. .23 - —
100 to 900 lbs. shipments, same basis..lb. .24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11¼- —
5 and 10-gal. dms., works..lb. .15 - —
USP, cs., cbys.....lb. .37 - .45
Paranitrophenol, kgs.....lb. .35 - —
Paranisidine, dms.....lb. .75 - —
Paranitroaniliin, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .48 - —
Pareira brava root, bls.....lb. .20 - .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.lb. .23 - .25
l.c.l., same basis.....lb. .24 - .26
Passion flower, herb, bls.....lb. .06 - .07
Patchouli leaves, bls.....lb. .28 - .30
Pellitory root, bls.....lb. .30 - .32
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol, C.P., bbls., dlvd., lb. .75 - —
less than barrel lot.....lb. 1.00 - —
tech., bbls., dlvd.....lb. .33½- .35½
less than barrel lots.....lb. .40 - —
Pentaerythritol tetra acetate, bbls., dlvd..lb. 1.00 - —
less than barrel lot.....lb. 1.50 - —
Pentane, norm., 25-38°, dms., c.l., G.S..gal. .11½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .07 - .08½
laboratory grade, dms., c.l., G.S, gal. .14 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bags..lb. .06 Nom.
Lampong, bags.....lb. .06¾- .07
Tellicherry, bags.....lb. .08 Nom.
white, Java, Muntok, bags..lb. .12¼- .12½
Muntok, small berry, bags.lb. .11¾- .12¼
red, chillies, Japan, Hontaka..lb. .20½- .21
Mombassa, bgs.....lb. .26 - .26½
Peppermint leaves, dom., bls..lb. .75 - .80
import, bls.....lb. 1.10 Nom.
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .03 - —
l.c.l., same basis.....lb. .03½- —
Zone 2, dms., c.l., works, frt. alld..lb. .03¾- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.....lb. .75 - .80
Petrolatum, amber, dms., c.l..lb. .03 - —
l.c.l. .....lb. .04 - —
amber, extra, dms.....lb. .03¼- —
l.c.l. .....lb. .04¼- —
white, cream, dms., c.l.....lb. .04½- —
l.c.l. .....lb. .05¾- —
lily, dms., c.l.....lb. .05 - —
l.c.l. .....lb. .06½- —
snow, dms., c.l.....lb. .05¾- —
l.c.l .....lb. .07¾- —
Petroleum, crude, bulk, at wells:—
California .....bbl. .60 - 1.71
Canada .....bbl. 1.08 - 1.70
Central West:—
Illinois .....bbl. 1.22 - —
Ohio .....bbl. 1.05 - 1.10
Michigan .....bbl. 1.07 - 1.28
Indiana .....bbl. 1.05 - —
East Texas.....bbl. 1.15 - —
Gulf Coast.....bbl. .96 - 1.35
Kentucky, Tennessee.....bbl. 1.12 - 1.20
Louisiana, Arkansas.....bbl. .58 - 1.26
Mexico .....bbl. No prices
Midcontinent (Oklahoma, Kansas, North Texas).....bbl. .65 - 1.15
Pennsylvania, Ohio, West Virginia:—
Bradford, Allegany....bbl. 2.40 - —
Corning .....bbl. 1.17 - —
N. Y. Transit lines....bbl. 2.40 - —
Eureka lines.....bbl. 1.90 - —
S. W. Penn lines.....bbl. 2.05 - —
Lower district in National Transit lines..bbl. 2.28 - 2.33
Rocky Mountains.....bbl. .35 - 1.15
South Central and Southwestern Texas..bbl. .95 - 1.20
Texas Panhandle, W. Texas and N. Mexico.....bbl. .60 - 1.02
Ether, normal, tanks, G.S....gal. .09¾- —
dms., c.l., dlvd.....gal. .24 - —
l.c.l., 5 or more, dlvd...gal. .29 - —
1-5, dlvd.....gal. .38 - —
laboratory grade, dms., c.l., G.S..gal. .14½- —
l.c.l., G.S.....gal. .25½- —
10-gal. lots, G.S.....gal. .50½- —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, dlvd., Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
Willbridge, Ore., Fort Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .10 - —
Group 3, toluol type, tanks, gal. .06½- .07¾
Benzol type, tanks..gal. .06¾- .07¾
Mineral spirits, at refinery:—
California (f.o.b. San Francisco), 168-252 b.r., tanks, gal. .10½- —
198-290 b.r., tanks...gal. .10½- —
246-397 b.r., tanks...gal. .10½- —
312-403 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, 43-47, tanks.gal. .08½- —
Group, 3, tanks.....gal. .0640- .65¾
tankwagon, tax included:—
Albany .....gal. .12½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N. J..gal. .13½- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1520
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul..gal. .19½- —
Newark .....gal. .09½- —
New York (200 gal)...gal. .09 - —
Omaha .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .10½- —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Naphtha, cleaners', at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .0640- .06¾
tankwagon, Boston, ex tax, gal. .13½- —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax...gal. .18 - —
Decatur, inc. 4c. tax...gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Petroleum, naphtha, cleaners', at refinery, tankwagon:—
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10¼- —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .21 - —
2, over 90% arom., same basis..gal. .21 - —
3, same basis.....gal. .22 - —
3, tanks, f.o.b. Paulsboro, N. J..gal. .16½- —
30, same basis.....gal. .17½- —
40, same basis.....gal. .17¾- —
V. M. & P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10¼- —
Portland, Seattle.gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .0640- .06¾
Gulf Coast (dlvd. New Orleans), tanks...gal. .06½- —
tankwagon, Boston, ex tax, gal. .14¼- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax...gal. .1910- —
Evansville, Ind., ex tax, gal. .1520-.1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11¼- —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .1490-.1590
Philadelphia, ex tax...gal. .13 - —
St. Louis inc. 1c. tax..gal. .1570- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco), bbls..gal. .24 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .0640- .06¾
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, tanks.....gal. .08½- —
Group 3, tanks.....gal. .0590- .06¼
Tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax, gal. .1840- —
Evansville, Ind., ex tax. gal. .14 - .15
Milwaukee, inc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .09 - —
Omaha .....gal. .1360-.1450
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax..gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11½
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract..lb. 3.80 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .12 - —
l.c.l., same basis.....lb. .12¾- —
under 1,000 lbs.....lb. .13¾- —
tanks, works.....lb. .11 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs., 100-250 lbs., lb. .87 - .89
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.50 - 2.75
Phenylethylphenyl acetate, bnts., lb. 8.00 -15.00
Phenylhydrazine, base, CP, bots, lb. 4.55 - —
hydrochloride, CP, bots, works, lb. 7.10 - —
commercial, kgs, works.....lb. 1.75 - —
Phloroglucinol, CP, tins, wks..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. No prices
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines.... long ton. 2.15 - —
72% min., bulk, mines.... long ton. 2.50 - —
Tenn., 72% bulk, mines..... long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons.lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .10 - .11
Pilocarpine hydrochloride, bots., vis..oz. 4.00 - 4.25
Nitrate, bots., vis.....oz. 3.90 - 4.15
Pimento, Jamaican, bgs.....lb. .35 - .37
Mexican, bgs.....lb. .13 - .13½
Pinkroot, bls.....lb. .40 - .41
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time dms., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .06 - .06½
Petroleum (see Asphaltum, Mexican, Texas)
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Polyamyl naphthalene, l.c.l., dms., works..lb. .30 - —

Olivine—Pumice Stone

Pomegranate bark, bgs.....lb. .49 - .50
Root bark, bgs.....lb. .60 - .65
Poppy flowers, red, bls.....lb. .70 - .75
Seed, Dutch, bgs.....lb. .36 - .37
Roumanian, bgs.....lb. .37 - .38
Turkish, bgs.....lb. .32 - .33
Potash abietate.....lb. .06 - —
Acetate, tech., bbls., dlvd....lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .31 - .44
Arsenite, USP, solut., cbys., 100 lbs..lb. .13 - —
demj., 50 lbs.....lb. .14 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .17 - —
kgs., 100 lbs.....lb. .19 - —
gran., bbls., 250 lbs.....lb. .17 - —
kgs., 100 lbs.....lb. .19 - —
Bichromate, spot, c.l., works.lb. .05¾- —
6 casks or 10 bbls., or over, works..lb. .06 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .28 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .02 - —
l.c.l., dms., same basis.lb. .03½- —
tanks, same basis.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03¼- .03¾
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06¼- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .11 Nom.
pwd., kgs.....lb. .09¼- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .03 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms.....lb. .34½- —
50-lb. dms.....lb. .35½- —
25-lb. dms.....lb. .37½- —
powd., 3c. per lb. higher.
Cyanide, dom. dms., works..lb. .55 - —
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -14.95
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys., or cns., lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bbls., 250 lbs.....lb. 1.20 - —
bots., or cns.....lb. 1.29 - 1.65
dms.....lb. 1.20 - 1.35
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports.. ton. No prices
Manure salt, dom., min., 30%, K_2O, bulk, ex vessels, ports, Unit-ton. .60 - —
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. No prices
Domestic manure salt prices, basis f.o.b.
Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above. Prices in bags are $2 per ton higher than bulk prices.
Metabisulphite, kgs.....lb. .21 Nom.
Muriate, dom., min., 50% or 62%, K_2O, bulk, ex-vessel, ports..unit-ton. 85½- —
import, min., 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port—unit-ton. No prices
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.
Oxalate, pure, cryst., kgs.....lb. .30 - .31
tech., bbls., dms.....lb. .28 - .34
Nitrate, crude, bgs., c.i.f. ports, ton. No prices
Perchlorate, kgs., works.....lb. .09¼- .11
Permanganate, tech., dms....lb. .19¼- .19¾
U.S.P., dms.....lb. .20 - .20¾
Prussiate, red., bbls.....lb. No prices
Yellow, bbls.....lb. .16 - .18
Recinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs.lb. .07 - —
Sulphate, NF, cryst., 400 lbs., bbls..lb. .18 Nom.
100-lb. kgs.....lb. .20 - —
powd., 250 lbs., bbls....lb. .19 Nom.
100-lb. kgs.....lb. .21 - —
tech., dom., bgs., basis 90%, K_2SO_4, ex-vessel, ports, ton.36.25 - —
bulk, same basis.....ton.34.25 - —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports..ton. No prices
Xanthate, dms., c.l.....lb. .12 - —
Potash-magnesia, sulphate, dom., bgs., 40%, K_2SO_4, ex-vessel, ports..ton.27.00 - —
bulk, same basis.....ton.25.00 - —
Potash-soda ferricyanide, dms., works..lb. .36 - .39
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .40 - —
Prickly ash bark, bls.....lb. .12 - .13
Berries, bgs.....lb. .28 - .30
Prince's pine herb, bls.....lb. .22 - .23
Procaine, hydrochloride, 25-lb. cns..lb. 3.60 - —
5-lb. cans.....lb. 3.25 - 3.50
1-lb. bots.....lb. 3.75 - —
Propane, tanks, Group 3.....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .85 - .90
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F., and coarser, bbls., 2 or over, works..lb. No prices
less than 2, works....lb. No. prices
F and I, bbls., 2 or over, works..lb. No prices
less than 2, works....lb. No prices
O, O—½, O—¾, and ½, bbls., 2 or over, works..lb. No prices
less than 2, works....lb. No prices

Pumice Stone—Red, Precip.

Pumice stone, Ital.-grd., bgs., c.l., ship., ex dock, N. Y.	ton.	No prices	
l.c.l., 5-20 tons, ex whse.	ton.	No prices	
1,000-10,000 lbs., ex whse.	ton.	No prices	
1 to 1,000 lbs., ex whse.	ton.	No prices	
single bgs., ex whse.	ton.	No prices	
Pumpkin seed, bgs.	lb.	.10 -	.11
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.15 -	—
linseed oil, raw, dms.	100 lbs.	5.00 -	—
refined, dm.	100 lbs.	5.50 -	—
standard, dms.	100 lbs.	4.20 -	—
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd.	gal.	4.75 -	4.95
(30 to 1), 3 grams pyrethins per 100 cc., dms., dlvd.	gal.	7.20 -	—
Pyrethrum flowers, coarse, grnd. (g.f.p.), 5% pyrethrins, frt. alld., bbls.	lb.	.23 -	.25
fine powd., 9% pyrethrins, frt. alld., bbls.	lb.	.25 -	.26
Pyridin, denaturing, dms.	gal.	1.71 -	—
refd., 2°, dms.	lb.	.49 -	—
Pyrites Spanish, bulk, c.i.f. Atl. ports	unit-ton.	No prices	
Pyrocatechin, CP, cryst., works, fib. dms., tins.	lb.	2.15 -	2.40
resublimed, fib. dms., tins.	lb.	4.60 -	—
Pyrophylite, standard, 200 mesh, c.l., mines.	ton.	9.00 -	—
325 mesh, same basis	ton.	12.00 -	—
No. 3, 200 mesh, c.l., mines.	ton.	7.50 -	—
325 mesh, same basis	ton.	12.00 -	—
Pyroxylin scrap amber, cs., works.	lb.	.12 -	—
black, cs., works.	lb.	.10 -	—
china white, ivory, cs., works,	lb.	.18 -	—
dense, white, cs., works.	lb.	.10 -	—
gray, cs., works.	lb.	.08 -	—
mixed, mottles, opaque, cs., works.	lb.	.04 -	—
translucent pastels, cs., works.	lb.	.10 -	—
transparent, cs., works.	lb.	.20 -	—
colors, cs., works.	lb.	.12 -	—
shavings, amber, cs., works.	lb.	.16 -	—
colors, mixed, cs., works.	lb.	.10 -	—
white, cs., works.	lb.	.15 -	—

Q

Quassia chips, bls.	lb.	.05 -	.06
Quebracho extract, liquid, 35% tan, bbls., works.	lb.	.04¼-	—
tanks, works.	lb.	.03¾-	—
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.04⅞-	—
clarified, 64%, bgs., c.l., same basis.	lb.	.05¼-	—
pwd., bgs., c.l.	lb.	.07½-	—
l.c.l., bgs.	lb.	.08½-	—
Queen of the meadow leaves, bgs.	lb.	.07½-	.08
Root, bgs.	lb.	.10 -	.11
Quercitron, extract, liquid, 50°, bbls.	lb.	.08½-	.09½
solid, dms.	lb.	.11 -	.16½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y.	flask.	182.00 -	183.00
European, flasks (76 lbs. net), c.i.f., N. Y., incl. war risk insurance.	flask.	250.00 -	—
ex store.	flask.	252.00 -	—
Quince seed, bgs.	lb.	1.10 -	1.15
Quinidine, N.F.V., cryst., cns.	oz.	1.06 -	—
powd., precip., cns.	oz.	1.01 -	—
Sulphate, cns.	oz.	.71 -	—

Subject to surcharge of 8½c. per oz; see note under Quinine.

Quinine, 100 ozs., cns.	oz.	.84 -	—
Acetate, cans.	oz.	1.05 -	—
Arsenate, cns.	oz.	1.05 -	—
Arsenite, cns.	oz.	1.07 -	—
Bisulphate, cns.	oz.	.60 -	—
Citrate, cns.	oz.	.78 -	—
Dihydrobromine, bots.	oz.	.82 -	—
Dihydrochloride, bots.	oz.	.82 -	—
Ethylcarbonate, cns.	oz.	.85 -	—
Ferrocyanide, cns.	oz.	1.07 -	—
Formate, cns.	oz.	1.00 -	—
Hydrochlorosulphate, cns.	oz.	.81 -	—
Glycerophosphate, cns.	oz.	1.20 -	—
Hydrochloride, cns.	oz.	.76 -	—
Hydrolodide, cns.	oz.	1.05 -	—
Hypophosphite, cns.	oz.	1.07 -	—
Phosphate, cns.	oz.	.90 -	—
Salicylate, cns.	oz.	.79 -	—
Sulphate, USP, XI, cns.	oz.	.67 -	—
Quinine, sulphocarbonate, cns.	oz.	1.05 -	—
Tannate, cns.	oz.	.63 -	—
Tartrate, cns.	oz.	1.03 -	—
Valerate, cns.	oz.	.99 -	—

Quinine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride, cns.	oz.	.81 -	—

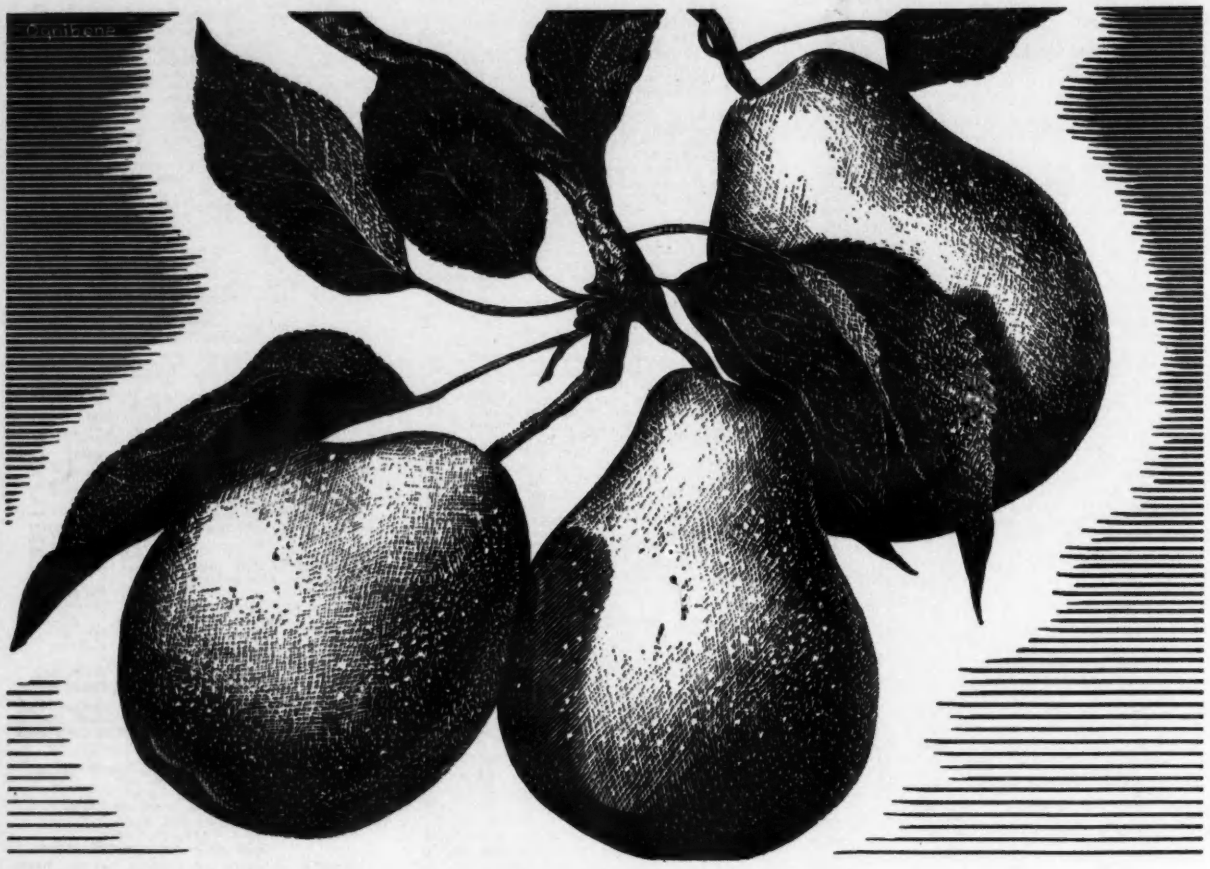
Subject to surcharge of 8½c. per oz; see note under Quinine.

R

R salt, dry, bbls.	lb.	.55 -	—
paste, dms.	lb.	.52 -	—
Rapeseed, Argentine, bgs.	lb.	.06 -	.06¼
Dutch, bgs.	lb.	No stocks	
Indian, small, recleaned, bgs.	lb.	.06¼-	.06½
medium, recleaned, bags.	lb.	.07⅛-	.08
Japanese, bgs.	lb.	No stocks	
Raspberries, dried, bls.	lb.	.60 -	.65
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10 -	1.90

Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.90 -	—
smaller lots, same basis.	lb.	.95 -	—
kgs., ton lots, same basis.	lb.	.95 -	—
smaller lots, same basis.	lb.	1.00 -	—
light shade, bbls., ton lots, same basis.	lb.	.75 -	—
smaller lots, same basis.	lb.	.80 -	—
kgs., ton lots, same basis,	lb.	.80 -	—
smaller lots, same basis.	lb.	.85 -	—
light-medium shade, bbls., ton lots, same basis.	lb.	.80 -	—
smaller lots, same basis.	lb.	.85 -	—
kgs., ton lots, same basis.	lb.	.85 -	—
smaller lots, same basis.	lb.	.90 -	—
maroon shades, bbls., ton lots, same basis.	lb.	1.00 -	—
smaller lots, same basis.	lb.	1.05 -	—
kgs., ton lots, same basis.	lb.	1.05 -	—
smaller lots, same basis.	lb.	1.10 -	—
medium shade, bbls., ton lots, same basis.	lb.	.85 -	—
smaller lots, same basis.	lb.	.90 -	—
kgs., ton lots, same basis.	lb.	.90 -	—
smaller lots, same basis.	lb.	.95 -	—
Selenide, bbls., light, works.	lb.	2.20 -	—
maroon, works.	lb.	2.70 -	—
Carmine, 40, dms., 100 lbs.	lb.	4.60 -	—
50 lbs.	lb.	4.75 -	—
cns., 5 lbs.	lb.	5.25 -	—
1 lb.	lb.	5.35 -	—
Crocus martis (see Red, purple oxide).			
Eosin toner, bbls.	lb.	1.25 -	—
Fire, toner, bbls.	lb.	.85 -	—
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y.	lb.	.08¾-	—
80-85%, bbls., same basis.	lb.	.07¼-	—
Iron oxide (see Red oxide).			
Lacquer maroon, bbls., same basis.	lb.	1.25 -	—
Lake C toner, bbls., same basis, alizarin, lake, contracts.	lb.	.90 -	—
open order.	lb.	.90 -	—
Litho toner, bbls., same basis, alizarin, lake, contracts.	lb.	.55 -	—
open order.	lb.	.60 -	—
Rose lake, bbls.	lb.	.20 -	.23
Pink, bbls.	lb.	.15 -	.20
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts.	lb.	1.10 -	—
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts.	lb.	.40 -	—
Mercury oxide, tech., bbls., 10,000 lbs.	lb.	2.79 -	—
smaller lots.	lb.	2.81 -	—
Metallic, bbls., Pa., works.	lb.	.02 -	—
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works,	lb.	.08½-	—
l.c.l., works.	lb.	.09¼-	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio.	lb.	.08¼-	—
99% copperas oxide, bbls., same basis.	lb.	.07¾-	—
Para, toner, concent., kgs, same basis, alizarin lake, contracts.	lb.	.70 -	—
open order.	lb.	.75 -	—
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.05 -	—
ex whse., Chicago, St. Louis.	lb.	.05¾-	—
San Fran., Los Angeles, Portland, Seattle.	lb.	.05½-	—
Phloxin toner (see Red, Eosin toner).			
Phosphotungstic rhodamine Y, kgs.	lb.	3.90 -	—
Purple lake, kgs.	lb.	.60 -	1.00
Oxide, bbls., f.o.b Bethlehem, Easton, E. St. Louis.	lb.	.03 -	—
Toner, kgs.	lb.	1.50 -	2.00
Scarlet ink toner, kgs., same basis, alizarin lake.	lb.	.55 -	—
Lake, kgs., same basis alizarin lake.	lb.	.25 -	.50
Spanish, oxide, bbls., f.o.b. N.Y.	lb.	.04½-	—
Toluidin toner, kgs., same basis, alizarin lake.	lb.	1.05 -	—
Tuscan, bbls., f.o.b. N.Y., E. St. Louis.	lb.	.11 -	.40
Venetian, bbls., works.	lb.	.0220-	—
10%, bbls., works.	lb.	.0245-	—
15%, bbls., works.	lb.	.0265-	—
20%, bbls., works.	lb.	.02¾-	—
25%, bbls., works.	lb.	.03 -	—
30%, bbls., works.	lb.	.03¼-	—
35%, bbls., works.	lb.	.0300-	—
40%, bbls., works.	lb.	.04 -	—
Vermilion, Amer., bbls., same basis alizarin lake.	lb.	.15	Nom.
quicksilver, bbls.	lb.	3.20 -	3.27
Red dyes are listed under Dyes.			
Red, precipitate, N. F., powd., fib. dms., 50 lbs. or more.	lb.	3.06 -	—



From a Reliable Source

To produce fine products year after year, land must not only be *good* land to begin with but it must be enriched constantly with life-giving materials. So too must a company's products be enriched through the discoveries of research and improvement in the raw materials from which they are made. Thus has Niagara Alkali Company maintained, for more than three decades, its reputation as a consistently reliable source of supply for Caustic Soda, Caustic Potash and Carbonate of Potash.

Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Company, Pioneer Manufacturer of Liquid Chlorine

CAUSTIC SODA
CARBONATE OF POTASH
CAUSTIC POTASH

Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld., E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld., E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .10 - .11
Rhubarb, cs.....lb. .38 - .40
powd., bbls., kgs.....lb. .43 - .45
Riboflavin .....gram 1.50 - 2.00
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .39½- —
smaller lots.....lb. .40 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - —
Rose flowers, pale, bls.....lb. .42 - .43
red, bls.....lb. 5.00 Nom.
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .26 - .27
Rosin, gum B, bbls., ex dock.. 100 lbs. 2.07 - —
D, bbls.....100 lbs. 2.25 - —
E, bbls.....100 lbs. 2.31 - —
F, bbls.....100 lbs. 2.32 - —
G, bbls.....100 lbs. 2.33 - —
H, bbls.....100 lbs. 2.34 - —
I, bbls.....100 lbs. 2.34 - —
K, bbls.....100 lbs. 2.36 - —
M, bbls.....100 lbs. 2.39 - —
N, bbls.....100 lbs. 2.51 - —
W. G., bbs.....100 lbs. 2.95 - —
W. W., bbls.....100 lbs. 3.25 - —
X, bbls.....100 lbs. 3.28 - —
wood, F.F., bbls.....100 lbs. 1.65 - 2.00
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Rue, bls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
ens., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.27.00 -28.00
Safrol, cns.....lb. 1.03 - —
dms. .....lb. 1.00 - —
Sage, Dalmatian, garden, bls..lb. 1.50 Nom.
stemless, bls.....lb. No stocks
ground, bls.....lb. 1.50 Nom.
Greek, believed afloat, bls....lb. .50 - .52
Spanish, bls.....lb. No stocks
Sago, flour, bgs.....lb. .04¼- .04¾
Salicin, bots., 5 lbs.....lb. 7.00 - —
cns., 25 lbs.....lb. 6.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N. Y..ton.13.70 - —
l.c.l., bgs., dlvd. N. Y..ton.15.50 -16.10
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works, ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.i.f.....ton.16.50 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.60 - 9.60
1-9 tons.....100 lbs. 8.75 - 9.75
less than ton lots..100 lbs. 9.00 -10.00
gran., bbls., 10-20 tons..... 100 lbs. 7.60 - —
1-9 tons.....100 lbs. 7.75 - —
less than ton lots..100 lbs. 8.00 - —
powd., bbls., 10-20 tons..... 100 lbs. 8.60 - —
1-9 tons.....100 lbs. 8.75 - —
less than ton lots..100 lbs. 9.00 - —
Santonin, cryst., cns.....kilo.150.00 -155.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .28 - .30
Mexican, bls.....lb. .17 - .18
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bls.....lb. 1.50 - 1.60
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31½- —
smaller lots.....lb. .31¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .90 - .95
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Tinnevelly, No. 1, bls.....lb. .12 - .13
2 bls.....lb. .10 - .11
3 bls.....lb. .08¼- .09
powd., bbls., bxs.....lb. .12 - .18
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. .60 - .65
f.o.b. N.Y..lb. .31 - .32
Shellac, bleached, bonedry, bbls. dlvd., Boston.....lb. .31½- .32¼
Chicago .....lb. .31¾- .32¾
Pacific Coast.....lb. .34 - .35
rfd., bbls., f.o.b. N.Y.....lb. .37 - .38
dlvd., Boston.....lb. .37½- .38¼
Chicago .....lb. .37¾- .38¾
Pacific Coast.....lb. .40 - .41
Garnet, bgs.....lb. .25 - .26
D.C., V.S.O., or Diamond I, cs., cs..lb. .34 - .35
Superfine, bgs., f.o.b. Boston, N. Y..lb. .25 - .26
dlvd., Chicago.....lb. .25½- .26½
Pacific Coast.....lb. .28 - .29
T. N., bgs., f.o.b. Boston, N. Y..lb. .24½- .25½
dlvd., Chicago.....lb. .25 - .26
Pacific Coast.....lb. .28 - .29
varnish, Metro area, orange, 5-lb. cut, bbls..gal. 1.25 - 1.30
4¼-lb. cut, bbls.....gal. 1.20 - 1.25
4-lb. cut, bbls.....gal. 1.15 - 1.20
white, 5-lb. cut, bbls.....gal. 1.35 - 1.40
4½-lb. cut, bbls.....gal. 1.30 - 1.35
4-lb. cut, bbls.....gal. 1.25 - 1.30
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works..ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works..ton.25.00 - —
Silica, amorph., wet-grd., 400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works..ton.35.00 - —
smaller lots, works..ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works..ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med. grd., 99%, 325 mesh, l.c.l., 2½ tons, works..ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99¼%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .24 - —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms .....oz. .28 - .33
Simarubra barks, bls.....lb. .30 - .35
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, ctns., lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .10 - .11
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .17 - .18
powd., bbls.....lb. .16 - .17
Soda, acetate, anhyd., dms., dlvd., lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - .04¼
l.c.l., dlvd..lb. .04¾- .05
USP, bbls., dlvd.....lb. .06 - —
90%, dms., c.l., dlvd.....lb. .06 - .06½
l.c.l., dlvd.....lb. .06¾- .07
Alginate, dms., bbls., works..lb. .69 - .70
Antimoniate, bbls., dlvd.....lb. .14 - .14½
Arsenate, dms., dealers, c.l., works..lb. .07½- —
l.c.l., dms., works.....lb. .08¾- .09¼
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¼- —
l.c.l., dms., works.....lb. .07 - .07½
white, dms., c.l., dealers, works..lb. .07¼- —
l.c.l., dms., works.....lb. .08 - .08½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.12 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.23 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. — - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local sales prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....lb. 2.60 - —
powd., bbls., c.l., works... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Soda, bifluoride, bbls.....lb. .11½- .12
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works... 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works..100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber dms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08⅜- —
Citrate, USP VIII, 225-lb. bbls., lb. .18½- —
cns., dms., 50-lb. lots....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
dms., kgs., 100-lb. lots...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
anhy., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst, large, bgs., works, frt. equal'd..100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.53 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equalld.. 100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis... 100 lbs. 4.80 - —
1-2 dms., same basis... 100 lbs. 5.05 - —
gran., bbls., c.l., works...lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N.Y.....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing points or ports, rail or boat shipment..ton.29.40 - —
200-lb. bgs., same basis.. ton.28.70 - —
bulk, same basis.....ton.27.00 - —

Red Saunders—Spikenard Root

Soda, nitrate, refd., gran., bbls., 10-ton..100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons..100 lbs. 3.50 - —
1-9 tons.....100 lbs. 3.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized....lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11½
Soda nitrite l.c.l. prices range represents delivery at various points.
Orthosilicate, anhy., dms., c.l., works, frt. equal'd..lb. 4.50 - —
15 dms., and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1- 2 dms., same basis..lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
580 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.40 - —
l.c.l., works.....100 lbs. 6.35 - —
bbls., c.l., works.....100 lbs. 5.60 - —
l.c.l., works.....100 lbs. 6.55 - —
cryst., tech., bgs., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
bbls., c.l., works...100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.80 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.35 - —
l.c.l., works.....100 lbs. 2.75 - —
bbls., c.l., works...100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
kegs, c.l., works...100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.45 - —
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works..lb. .11½- .16
Picramate, kgs.....lb. .68 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10¼- —
contracts .....lb. .09¼- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt., equal'd.100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized...100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., dlvd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....lb. 1.10 - 1.30
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, dlvd. N.Y.C., 100 lbs. 4.00 - —
1-9 dms.....100 lbs. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .10 - .12
Stannate, dms.....lb. .33½- .36¼
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .27 - .31
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphohydrate, liquid, 38% basis 100%, dms., c.l., f.o.b. works..lb. .05¼- —
l.c.l., works.....lb. .06 - —
single dm. lots, works...lb. .06 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
high-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14¾- —
ton lots, contracts, works, lb. .15¼- —
smaller lots, works.....lb. .15¾- —
Soybean meal, 41-44%, bgs..ton.31.70 - —
protein, bgs., c.l., works....lb. .11¼- —
l.c.l., works.....lb. .11¾- .15
Sparteine sulphate, cns.....oz. 4.00 - 4.25
Spearmint leaves, bls.....lb. .30 - .31
Spikenard root, bls.....lb. .16 - .17

Spruce Extract—Titanium

Spruce extract, reg., bbls., c.l., works	lb.	.01½- —
tanks, works	lb.	.01¼- —
powd., super, bgs., c.l., works,	lb.	.04 - —
super, bbls., c.l., works	lb.	.01¾- —
tanks, works	lb.	.01⅝- —
Squawvine, leaves, bls	lb.	.14 - .15
Squill, red, powd	lb.	1.25 - 1.30
White, bls	lb.	No prices
powd., bbls., bxs	lb.	No prices
St. Ignatius beans, bgs	lb.	.45 - .46
St. John's Bread, edible, bls.,	lb.	.15 - .20
inedible, bls	lb.	.09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago	100 lbs.	3.00 - —
divd., N. Y	100 lbs.	3.35 - —
powd., bgs., f.o.b. Chicago,	100 lbs.	3.70 - —
divd., N. Y	100 lbs.	3.45 - —
Potato, dom., bgs., c.l	lb.	.04¾- —
l.c.l.	lb.	.05¾- —
import, bgs	lb.	No prices
Rice, bbls	lb.	.07½- .08½
Sweetpotato, bgs	lb.	.06¼ Nom.
bbls.	lb.	.07 Nom.
Wheat, thick, boil, bgs	lb.	.05 - —
Starch, iodide, bots	lb.	1.87 - —
Staveacre, seed, bgs	lb.	.35 - .40
Stearin, oleo	lb.	.09 Nom.
Stillingia root, bls	lb.	.07½- .08
Stoneroot, bls	lb.	.07½- .08
Storax, cs	lb.	.75 - .80
Stramonium leaves, bls	lb.	.48 - .52
Strontium bromide, cns	lb.	.52 - .55
Carbonate, NF, IV, 250-lb.	bbls.. lb.	No prices
tech., 99-100%, precip., bbls.,	lb.	.25 Nom.
Chloride, tech., bbls	lb.	.22 - .26
Iodide, bots., 5 lbs	lb.	3.06 - —
jars, 25 lbs	lb.	3.00 - —
Nitrate, dom., bbls., c.l., works,	lb.	.07¾- —
25 bbls. and over	lb.	.08¼- —
1-24 bbls. and over	lb.	.08¾- —
Strophanthus seed, Kombe, bgs	lb.	3.75 - 4.00
Strolyl acetate, bots	lb.	3.10 - 3.20
Strychnine, crystl., cns., 100-oz. lots	oz.	.60 - —
Acetate, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Arsenate, 25-oz. cns., 100-oz. lots	oz.	.82 - —
Arsenite, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots	oz.	.80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots	oz.	.91 - —
Nitrate, 25-oz. cns., 100-oz. lots	oz.	.73 - —
Phosphate, 25-oz. cns., 100-oz. lots	oz.	.80 - —
Sulphate, crystl., cns., 100-oz. lots	oz.	.50 - —
powd., cns., 100-oz. lots	oz.	.40 - —
Sucrose Octa-acetate, C.P. grade,	bbls., l.c.l., works	.55 - —
denat., bbls., l.c.l., works	lb.	.45 - —
tech., bbls., l.c.l., works	lb.	.40 - —
Sugar coloring, bbls	gal.	.75 - 1.45
Milk, bbls., c.l	lb.	.16 - —
l.c.l., 10 or over	lb.	.17 - —
less than 10	lb.	.18 - —
Sulfanilamide, 5 lbs., bots	lb.	1.70 - —
fib. dms., 1,000 lbs., 1 delivery,	lb.	1.25 - —
100 lbs	lb.	1.30 - —
25-lb. lots	lb.	1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots	bot.	1.04 - —
Sulphonethylmethane, kgs	lb.	6.75 - 6.80
Sulphonmethane, kgs	lb.	5.55 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts	long ton.	16.00 - —
f.o.b. steamers, Gulf ports, contract	long ton.	17.50 - —
Flowers, USP, bgs., c.l., mine,	100 lbs.	2.80 - —
l.c.l., mine	100 lbs.	3.35 - —
bbls., c.l., mine	100 lbs.	3.15 - —
l.c.l., mine	100 lbs.	3.70 - —
Flour, comm'l, bgs., c.l., mine,	100 lbs.	1.40 - —
l.c.l., mine	100 lbs.	1.95 - —
Refined, cast, bgs., c.l., mine,	100 lbs.	1.95 - —
l.c.l., mine	100 lbs.	2.50 - —
heavy, USP, bgs., c.l., mine,	100 lbs.	2.35 - —
l.c.l., mine	100 lbs.	2.90 - —
bbls., c.l., mine	100 lbs.	2.70 - —
l.c.l., mine	100 lbs.	3.25 - —
light, USP, bgs., c.l., mine,	100 lbs.	2.45 - —
l.c.l., mine	100 lbs.	3.00 - —
bbls., c.l., mine	100 lbs.	2.80 - —
l.c.l., mine	100 lbs.	3.35 - —
Sulphur, lump, bgs., l.c., mine,	100 lbs.	1.95 - —
l.c.l., mine	100 lbs.	2.50 - —
bbls., c.l., mine	100 lbs.	2.10 - —
l.c.l., mine	100 lbs.	2.65 - —
roll, bgs., c.l., mine	100 lbs.	2.15 - —
l.c.l., mine	100 lbs.	2.70 - —
bbls., c.l., mine	100 lbs.	2.20 - —
l.c.l., mine	100 lbs.	2.85 - —
Rubbermakers, comm'l, 99¾%, bgs., c.l., frt. alld	100 lbs.	2.00 - —
refined, 100%, bgs., c.l., frt. alld	100 lbs.	2.85 - —
Chloride, 55-gal. dms., c.l	lb.	.03 - —
l.c.l., dms., works	lb.	.04 - —
10-gal. dms., c.l	lb.	.07 - —
l.c.l.	lb.	.08 - —
Dioxide, liquid, com'l, cyls., works	lb.	.07 - .09
multi-unit, cars, works	lb.	.04½- .07
tanks, works	lb.	.04 - .06
refrigeration, cyls, works	lb.	.16 - .40
multi-unit cars, works	lb.	.07¼- .10
Iodide, bots., jars	lb.	3.90 - 4.05
Precipitated, USP, bbls	lb.	.17 - .22
Sumac, grd., Sicilian, f.a.s	ton.	No prices
leaf, f.a.s	ton.	No prices
Extract, 42°, bbls	lb.	.06 - .06¼
51°, bbls	lb.	.07 - .07¼
stainless, bbls	lb.	.09 - .11
Berries, bgs	lb.	.10 - .12
Sunflower seed, Calif., large, bgs.,	lb.	.06¾- .07¼
medium, bgs	lb.	.06 - .06¼
poultry, Argentine	lb.	.05 - .05½
Superphosphaté, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.,	ton.	8.50 - —
run-of-pile, basis 16%, bulk, same basis	ton.	8.00 - —
triple, 40-48%, a.p.a., bulk, f.o.b. Balto	unit-ton.	.68 - —

T

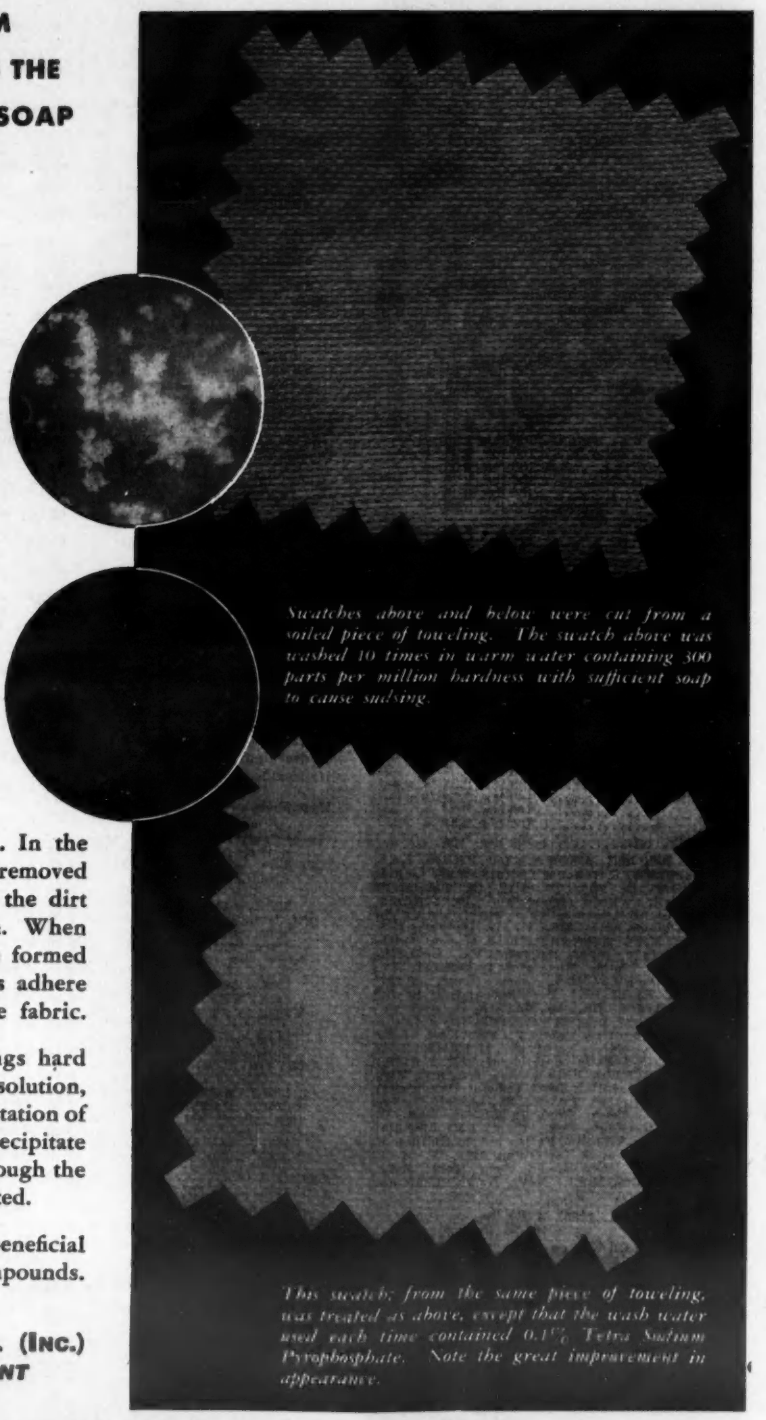
Talc, dom., Calif., 1, bgs., c.l., mills	ton.	20.00 - —
2, bgs., c.l., mills	ton.	17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills	ton.	14.00 -16.00
l.c.l., mills	ton.	16.00 -18.00
96-98%, 325 mesh, c.l., mills,	ton.	15.00 -17.00
l.c.l., mills	ton.	17.00 -19.00
99.85-99.95%, 325 mesh, bgs., c.l., mills	ton.	15.25 -17.25
l.c.l., mills	ton.	17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills	ton.	17.00 -19.00
coarse, off color, bgs., c.l., mills	ton.	11.00 -13.00
Aluminum, flake, type grd., bgs., c.l., mills	ton.	21.00 - —
l.c.l., mills	ton.	24.50 - —
Vermont, bgs., c.l., mills	ton.	14.00 - —
l.c.l., ex whse	ton.	25.00 - —
imp., Canad., bgs., c.l., mills,	ton.	No prices
French, high-grade, bgs., l.c.l., ex whse	ton.	No prices
ordinary, bgs., c.l., ex dock, arrival	ton.	No prices
l.c.l., ex whse	ton.	No prices
Italian, 1, bgs., ex dock, arrival	ton.	No prices
ex whse	ton.	No prices
2, bgs., ex dock, arrival	ton.	No prices
Tallow, extra, loose	lb.	.07½- —
special, loose	lb.	.07¾- —
sulphonated, 25% (24% fat), dms., c.l	lb.	.04 - —
l.c.l.	lb.	.05 - —
50% (43% fat), dms., c.l	lb.	.05½- —
l.c.l.	lb.	.06½- —
50% (49% fat), dms., c.l	lb.	.06 - —
l.c.l.	lb.	.07 - —
Tamarind, No. 1, bbls	lb.	.06 - .07
kegs	keg.	6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y.	unit-ton.	3.00 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi.	unit-ton.	2.75 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y.	unit-ton.	3.25 & .10
high-grade, bulk, Chicago,	unit-ton.	3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, January shipments,	unit-ton.	2.75 Nom.
Tansy leaves, bls	lb.	.22 - .28
Tapioca flour, bgs	lb.	.04 - .05½
Tar acid oil, 15%, dms., c.l., works	gal.	.22 - —
l.c.l., same basis	gal.	.24 - —
25%, dms., c.l., works	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities	gal.	.27 - —
ports	gal.	.26 - —
l.c.l.	gal.	.27 - —
tanks, dlvd. E. cities	gal.	.21 - —
Tarragon herb, bgs	lb.	1.15 Nom.
Tartar emetic, tech., fine gran. or powd., bbls., 5 or more,	lb.	.44¾- —
less than 5	lb.	.45 - —
USP, powd, bbls	lb.	.50 - —
Terebene, cns	lb.	.90 - .92
Terpinyl acetate, cns	lb.	.80 - .85
Terpin hydrate, bbls., dms	lb.	.60 - .65
Terpineol, CP, cns	lb.	.80 - —
dms.	lb.	.27 - —
alpha, denat. grade, dms., c.l., wks., net wgt	lb.	.17 - —
Terra alba (see Gypsum).		
Tetrachloroethane, dms., wks	lb.	.08 - .08½
Tetrachloroethylene, CP, dms	lb.	.21½- —
tech. (see Perchloroethylene).		
Tetralin, dms	lb.	.19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).		
Thallium sulphate, 99% pure, bots., works	lb.	5.00 - 7.00
Theobromine, 5-lb. cns	lb.	3.00 Nom.
Sodiosalicylate, dms	lb.	2.65 - —
Thiamine hydrochloride, bots., cns.	gram.	.65 - .90
Thiocarbanilide, dms	lb.	.24 - —
Thorium, nitrate, cs., works	lb.	2.00 - —
Thyme, French, bls	lb.	.62 - .64
Spanish, bls	lb.	.15¼- .15¾
Thymol, dms., 100 lbs	lb.	1.50 - —
cns., 25 lbs	lb.	1.55 - 1.60
Iodide, kgs., 50 lbs	lb.	3.40 - —
25 lbs	lb.	3.50 - —
Timbo root (see Cube root).		
Tin, chloride (ous), anhyd	lb.	.48 - .48¼
Crystals, bbls., bgs	lb.	.39 - .39½
Metal, Straits	lb.	.52¼- —
Oxide, bbls	lb.	No prices
Tetrachloride, anhyd., bbls	lb.	.27¼- .27¾
Titanium, dioxide, bgs., c.l., (20 tons)	lb.	.13½- —
l.c.l., 5 tons, single delivery,	lb.	.13¾- —
1,000-9,999 lbs	lb.	.14 - —
50-999 lbs	lb.	.14¼- —
under 50 lbs	lb.	.16½- —

HERE'S THE EVIDENCE

DU PONT TETRA SODIUM PYROPHOSPHATE PREVENTS THE FORMATION OF INSOLUBLE SOAP

This photomicrograph shows the sticky precipitate formed when soap is added to water containing calcium and magnesium salts. Notice how the particles have gathered together into flocks and chains.

This photomicrograph shows the fine particles formed by soap in the same water, but with the addition of 0.1% Tetra Sodium Pyrophosphate. The particles are so small that they drift readily into the convection currents within the drop.



Swatches above and below were cut from a soiled piece of toweling. The swatch above was washed 10 times in warm water containing 300 parts per million hardness with sufficient soap to cause sudsing.

This swatch from the same piece of toweling, was treated as above, except that the wash water used each time contained 0.1% Tetra Sodium Pyrophosphate. Note the great improvement in appearance.

ONE cause of gray, drab washing . . . . In the process of washing, dirt and grease are removed from the fine threads of the fabric. But the dirt particles remain in the washing solution. When insoluble hard water soap particles are formed during the washing, the fine dirt particles adhere to the soap and are redeposited on the fabric.

The action of TSPP is two-fold. It brings hard water salts, especially magnesia, into solution, removing components which cause precipitation of hard water soaps. It also forms a fine precipitate which remains in suspension, passing through the meshes of the fabric without being deposited.

It will pay you to take advantage of the beneficial effects of TSPP by adding it to washing compounds.

E. I. DU PONT DE NEMOURS & CO. (INC.)
GRASSELLI CHEMICALS DEPARTMENT
WILMINGTON • DELAWARE

DUPONT TETRA SODIUM PYROPHOSPHATE

Titanium, dioxide, bbls., c.l. (20 tons)—lb. .13½- —
l.c.l., 5 tons, single delivery. lb. .14 - —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14½- —
non-chalking, bgs., c.l. (20 tons). lb. .15½- —
l.c.l., 5 tons, single delivery. lb. .15¾- —
1,000-9,999 lbs.....lb. .16 - —
50-999 lbs.....lb. .16½- —
under 50 lbs.....lb. .18½- —
bbls., c.l. (20 tons).....lb. .15¾- —
l.c.l., 5 tons, single delivery. lb. .16 - —
1,000-9,999 lbs.....lb. .16¼- —
50-999 lbs.....lb. .16½- —
chalk-resistant, bgs., c.l. (20 tons).. .14 - —
l.c.l., 5 tons, single delivery. lb. .14¼- —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14¾- —
under 50 lbs.....lb. .17 - —
bbls., c. l. (20 tons).....lb. .14¼- —
l.c.l., 5 tons, single delivery. lb. .14½- —
1,000-9,999 lbs.....lb. .14¾- —
50-999 lbs.....lb. .15 - —
barium or magnesium base, bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05¾- —
under 50 lbs.....lb. .06½- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l. .....lb. .06 - —
calcium base, bgs., c.l. (20 tons). lb. .05¾- —
l.c.l. .....lb. .05½- —
under 50 lbs.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05½- —
l.c.l. .....lb. .05¾- —
calcium-rutile base, bgs., c.l. (20 tons)..lb. .05¼- —
l.c.l .....lb. .05½- —
under 50 pounds.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05½- —
l.c.l. .....lb. .05¾- —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses.

Toluidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. .85 - .88
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .28½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .70 - .85
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, l.c.l., works....lb. .90 - —
Tributylamine, l.c.l., dms., works, lb. .70 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Phosphate, dms., l.c.l., divd..lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorobenzene, dms., c.l., frt. alld..lb. .07 - —
l.c.l., same basis.....lb. .07½- —
tanks .....lb. .06½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld., lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., divd..lb. .40½- .51½
dms., c.l., divd.....lb. .34½- —
tech., dms.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Triethyl phosphate dms., divd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .66
dms., divd.....lb. .50 - —
Trimethylamine, dms., c.l., divd., lb. .85 - —
l.c.l., divd.....lb. on -
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton. 26.00 - —
double grd., bgs., c.l., works, ton. 16.00 - —
once-grd., bgs., c.l., works. ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .06½ Nom.
Madras, bgs.....lb. .07½- .08
Turpentine, spirits, gums, bbls., c.l., ex dock..gal. .48½- —
l.c.l., 10 ex dock.....gal. .50½- —
5 ex dock.....gal. .52½- —
wood, dest., dist., dms., c.l., divd. E. ports..gal. .35 - —
l.c.l. .....gal. .36 - —
tanks, divd. E. cities....gal. .30 - —
steam-dist., dms., c.l., divd.gal. .42 - —
l.c.l., divd.....gal. .45 - —
tanks, divd.....gal. .37 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N. C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton. 85.00 - —
l.c.l., 5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del.....ton. 85.00 - —
smaller lots, f.o.b. Newark, New York, Philadelphia, ton. 91.00 - —
any quantity, f.o.b. Belle, W. Va..ton. 83.00 - —
import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports. ton. 57.40 - —
bags, same basis.....ton. 59.40 - —
45% N., tanks, f.o.b. Belle, W. V., or Atl., Gulf ports, ton. 121.58 - —
Urea-ammonia, basis 37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports, ton. 127.00 - —
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, bls.....lb. .48 - .50
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. No stocks
Mexican, tins.....lb. 10.00 - 11.00
cuts, tins.....lb. 9.00 - 9.50
South American, tins.....lb. No stocks
Tahiti, tins.....lb. 5.25 - 5.50
Oleoresin, bots.....lb. No quotations
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. 1.75 - 2.00
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —

W

Wahoo bark, bls.....lb. .40 - .41
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton. 39.25 - 41.25
Extract, solid, bgs.....lb .04¼- .04¼
liquid, tanks.....lb. .05 - —
bbls. .....lb. .05½- —
Wax, amorphous, group 3, at refineries: 160-165, amber. lb. .15½- —
160-165, black.....lb. .14 - —
160-165, white.....lb. .26 - —
180-185, amber.....lb. .17½- —
180-185, black.....lb. .16 - —
180-185, white.....lb. .30 - —
Bayberry, bgs.....lb. .18 - .20
Bees, white, bleach, slabs, cs., lb. .38 - .40
cake, cs.....lb. .39 - .41
discs, cs.....lb. .40 - .42
yellow, crude, Africa, 10-bg. lots..lb. .30 Nom.
1 bg.....lb. .30½ Nom.
Brazil, bgs., 5-ton lots..lb. .30 - .31
1 ton.....lb. .30½- .31½
500 lbs.....lb. .31 - .32
100 lbs.....lb. .31½- .32½

Titanium—Wax, Bees

Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

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Wax—Zirconium

Wax, bees, yellow, refd., slabs, cs., lbs.	lb.	.35	- .36
Candelilla, bgs., 1 ton	lb.	.21	- .22
jobbing lots	lb.	.21½	- .22½
Carnauba, No. 3, chalky, bgs., 1 ton	lb.	.56	- .57
5 bgs	lb.	.56½	- .57½
1 bg	lb.	.57	- .58
N. C., 2, bgs., 1 ton	lb.	.64	- .65
N. C., 3, bgs., 1 ton	lb.	.60	- .61
5 bgs	lb.	.60½	- .61½
1 bg	lb.	.61	- .62
refined, bgs	lb.	.65	- .66
yellow, No. 1, bgs, ton	lb.	.68	- .69
5 bgs	lb.	.68½	- .69½
1 bg	lb.	.69	- .70
No. 2, bgs	lb.	.67	- .68
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton	lb.	.11	- .11½
jobbing lots	lb.	.12	- .12½
150°-160° m.p., bgs., 1 ton	lb.	.13	- .13½
jobbing lots	lb.	.14	- .14½
160° m.p., bgs., 1 ton	lb.	.14	- .14½
jobbing lots	lb.	.15	- .15½
Japan, cs	lb.	.17	- .17½
Montan, bgs., c.l.	lb.	No prices	
5 tons	lb.	No prices	
less than 1 ton	lb.	No prices	
Ouricury, crude, bgs	lb.	.42	- .44
double refined, bgs	lb.	.48	- .50
single refined, bgs	lb.	.46	- .48
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs.	lb.	No prices	
70°-72° C., bgs	lb.	No prices	
74°-76° C., bgs	lb.	No prices	
snow-white, pure, 76°-78° C., bgs.	lb.	No prices	
yellow, natural, 76°-78° C., bgs.	lb.	No prices	
Paraffin (see P).			
Spermaceti, blocks, cs	lb.	.24	- .25
cakes, cs	lb.	.25	- .26
White lead (see Lead, white).			
White pine bark, rossed, bls.	lb.	.07	- .08
White precipitate, powd., dms., 50 lbs. or more	lb.	2.54	- —
Whiting, chalk, com'l, dry-grd., blp. bgs., c.l., works	ton.	16.00	-20.00
l.c.l., works	ton.	18.00	-22.00
bbls., c.l., works	ton.	19.00	-24.00
l.c.l., works	ton.	21.00	-26.00
pap. bgs., c.l., works	ton.	15.00	-18.00
l.c.l., works	ton.	17.00	-20.00
wet-grnd., blp. bgs., c.l., works	ton.	18.50	-22.50
l.c.l., works	ton.	19.00	-23.00
bbls., c.l., works	ton.	21.00	-25.00
gilders, bolted, blp. bgs., c.l., works	ton.	18.00	- —
l.c.l., works	ton.	19.00	- —
bbls., c.l., works	ton.	20.00	-21.00
l.c.l., works	ton.	21.00	-22.00
pap. bgs., c.l., works	ton.	17.00	-18.50
l.c.l., works	ton.	18.00	-19.00
extra bolted, blp. bgs., c.l., works	ton.	20.00	- —
l.c.l., works	ton.	21.00	- —
bbls., c.l., works	ton.	22.00	-23.00
l.c.l., works	ton.	23.00	-24.00
pap. bgs., c.l., works	ton.	19.00	-20.50
l.c.l., works	ton.	20.00	-21.00
Paris white, blp. bgs., c.l., works,	ton.	19.00	- —
l.c.l., works	ton.	20.00	- —
bbls., c.l., works	ton.	22.50	-27.50
l.c.l., works	ton.	22.00	-28.00
pap. bgs., c.l., works	ton.	19.60	-25.10
l.c.l., works	ton.	20.00	-26.50
Limestone, air-floated, 99.75%, 250 mesh, paper bgs., c.l.,	ton.	10.10	- —
200 mesh, paper bgs., c.l., same basis	ton.	9.35	- —
90%, 200 mesh, paper bgs., c.l., same basis	ton.	7.00	- —
gilders, bgs. (extra), c.l., works,	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
extra, bgs., c.l., works,	ton.	12.50	- —
l.c.l., 8-20 tons, works	ton.	13.50	- —
4-8 tons, works	ton.	14.50	- —
2-4 tons, works	ton.	15.50	- —
putty grade, bgs. (extra), c.l., works	ton.	11.00	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.00	- —
2-4 tons, works	ton.	14.00	- —
water-floated, bgs. (extra), c.l., works	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
precipitated, bgs., c.l., works,	ton.	15.00	- —
l.c.l., 5 tons, works	ton.	20.00	- —
smaller lots, works	ton.	25.00	- —
Wild cherry bark, thick, natural, bls.	lb.	.07	- .08
rossed, bls	lb.	.05	- .06
thin, natural, bls	lb.	.07	- .08
rossed, green, bls	lb.	.10	- .11
Wild indigo root, bls	lb.	.13	- .14
Witch-hazel extract, dist., NF, tax extra, bbls.	gal.	.40	- .45
leaves, bls	lb.	.07	- .09
Witherite (see Barium carbonate, natural).			
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y.	ton.	24.00	-25.00
80 mesh, same basis	ton.	26.00	-28.00
100 mesh, same basis	ton.	30.00	-32.00
import, 70 mesh, bgs., ex dock,	ton.	No prices	
80 mesh, bgs., ex dock	ton.	No prices	
100 mesh, bgs., ex dock	ton.	No prices	
120 mesh, bgs., ex dock	ton.	No prices	
Wormseed, American, bgs	lb.	.07	- .08
Levant, bgs	lb.	No prices	
Wormwood, bls	lb.	.90	- 1.00

X

Xylol (xylene), indus., dms., returnable, works	gal.	.31	- —
tanks, E. of Omaha, frt. alld.,	gal.	.26	- —
tanks, W. of Coast, f.o.b. Minnequa, Colo.	gal.	.26	- —
10°, dms., returnable, works,	gal.	.34	- —
tanks, E. of Omaha, frt. alld.,	gal.	.29	- —
5°, dms., returnable, works,	gal.	.41	- —
tanks, E. of Omaha, frt. alld.,	gal.	.39	- —
8°, dms., returnable, works,	gal.	.48	- —
tanks, E. of Omaha, frt. alld.,	gal.	.46	- —
Xylidin, mixed, dms	lb.	.33	- .36

Y

Yara yara, cryst., cns	lb.	1.25	- 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York	lb.	.55	- —
bottles, same basis	lb.	.60	- .64
imp., bbls., same basis	lb.	.55	- —
Cadmium, CP, import., bxs.	lb.	1.35	- 1.40
lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.50	- —
smaller lots, same basis	lb.	.55	- —
kgs., ton lots, same basis	lb.	.55	- —
smaller lots, same basis,	lb.	.60	- —
Sulphide, orange, cases, works,	lb.	1.10	Nom.
Chrome, CP, bbls., dlvd., No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.13½	- —
open order	lb.	.14½	- —
Chrome yellow CP prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¾c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls	lb.	.09	- .11
Hansa, bbls., same basis, chrome	lb.	1.37	- —
primrose shade, bbls., same basis, chrome	lb.	1.75	- —
Mercury oxide, tech., bbls., 1,000 lbs.	lb.	2.57	- —
smaller lots	lb.	2.59	- —
Ocher, Amer., golden A, bbls., works	lb.	.06½	- —
B, bbls., works	lb.	.04½	- —
C, bbls., works	lb.	.05¾	- —
yellow A, bbls., works	lb.	.02½	- —
B, bbls., works	lb.	.02½	- —
C, bbls., works	lb.	.02	- —
D, bbls., works	lb.	.0195	- —
E, bbls., works	lb.	.01775	- —
F, bbls., works	lb.	.01½	- —
G, bbls., works	lb.	.01½	- —
H, bbls., works	lb.	.01¾	- —
Yellow, French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import	lb.	.02475	Nom.
New York (f.o.b.)	lb.	.02¾	Nom
Philadelphia for import	lb.	.02¾	Nom.
San Pedro, San Francisco	lb.	.0290	Nom.
l.c.l., ex dock, Balto., Boston, N. Orleans	lb.	.02575	Nom.
New York	lb.	.02¾	Nom.
Phila., for import	lb.	.02¾	Nom.
Portland, Seattle	lb.	.03½	Nom.
San Pedro, S. Francisco	lb.	.03	Nom.
ex whse., Balto., Boston, N. Orleans	lb.	.02725	Nom.
Indianapolis, Kansas City, Milwaukee, St. Louis	lb.	.03¾	Nom.
New York	lb.	.03	Nom.
Pittsburgh	lb.	.03¼	Nom.
Portland, Seattle	lb.	.03¾	Nom.
San Pedro, S. Francisco	lb.	.03¼	Nom.
f.o.b. N.Y., from dock,	lb.	.02¾	Nom.
from whse	lb.	.03½	Nom.
Yellow, oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04¼	- —
l.c.l., same basis	lb.	.04¾	- —
synth., bbls., c.l., works	lb.	.06½	- —
l.c.l., same basis	lb.	.06¾	- —
Persian orange (see O).			
Zinc, bbls., same basis, chrome CP, contracts	lb.	.16	- —
open order	lb.	.16	- —
Navy specifications type, contracts	lb.	.16	- —
open order	lb.	.16	- —
Yellow dock root, dom., bls	lb.	.17	- .18
Yellow root (xanthorhiza), bls	lb.	.11	- .13
Yerba santa leaves, bls	lb.	.09	- —
Yohimbine hydrochloride, vis.	oz.	3.00	- 3.50

Z

Zein, bgs., 1,000 lbs. or more, works	lb.	.20	- —
less than 1,000 lbs., works	lb.	.25	- —
Zinc acetate, tech., bbls., dlvd.,	lb.	.15	- .16
USP, bbls., 250 lbs	lb.	.27	- —
kgs., 100 lbs	lb.	.29	- —
Arsenite, bgs., c.l., deniers, E. of Rockies	lb.	.12	- —
l.c.l., bgs	lb.	.12½	- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.			
Carbonate, tech., bbls	lb.	.14	- .16
USP, precip., powd., bbls	lb.	.32½	- —
25-lb. dms	lb.	.37½	- —
kgs.	lb.	.34½	- —
Chloride, tech., fused, dms., c.l., works	100 lbs.	4.25	- —
l.c.l., works	100 lbs.	4.60	- —
gran., dms., c.l., works,	100 lbs.	5.00	- —
USP, 100-lb. dms	lb.	.30	- .31
25-lb. jars	lb.	.36	- —
solution, 50%, dms., c.l., works	lb.	.0290	- —
l.c.l., works	lb.	.04	- .04¼
tanks, works	lb.	.0225	- —
Cyanide, kgs., works	lb.	.33	- .35
Dust, bbls., c.l., dlvd	lb.	.09½	- —
l.c.l., bbls., dlvd	lb.	.09¾	- —
Iodide, N. F., bots	lb.	4.54	- —
jars	lb.	4.40	- —
Fluoride, bbls	lb.	.20	- .25
Metal (see daily quotations in Market report.)			
Oxide, pigment, dom., Amer. process, coml., lead free, bgs., c.l., dlvd.	lb.	.06½	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- —
ex whse., Pac. cst.	lb.	.06¾	- —
bbls., c.l., dlvd.	lb.	.06¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.07	- —
ex whse., Pac. cst.	lb.	.07	- —
leaded, 5%, bgs., c.l., dlvd.	lb.	.06¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- —
ex whse., Pac. cst.	lb.	.06¾	- —
bbls., c.l., dlvd.	lb.	.06¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- —
35%, bgs., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	- —
ex whse., Pac. cst.	lb.	.06¼	- —
bbls., c.l., dlvd.	lb.	.06¼	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½	- —
ex whse., Pac. cst.	lb.	.06¼	- —
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.06	- —
Pac. cst.	lb.	.0606	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	- —
ex whse., Pac. cst.	lb.	.06¼	- —
bbls., c.l., dlvd., except Pac. Cst.	lb.	.06½	- —
ex whse., Pac. cst.	lb.	.06¼	- —
French process, com'l, lead free, bgs., c.l., dlvd.	lb.	.06½	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- —
ex whse., Pac. cst.	lb.	.06¾	- —
bbls., c.l., dlvd.	lb.	.06¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.07	- —
ex whse., Pac. cst.	lb.	.07	- —
green seal, bgs., c.l., dlvd.,	lb.	.06¼	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	- —
Zinc, oxide, pigment, French process, green seal, bgs., l.c.l., ex whse., Pac. cst.,	lb.	.06½	- —
bbls., c.l., dlvd.	lb.	.06½	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- —
ex whse., Pac. cst.	lb.	.06¾	- —
red seal, bgs., c.l., dlvd.	lb.	.07¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.08	- —
ex whse., Pac. cst.	lb.	.08	- —
bbls., c.l., dlvd.	lb.	.08	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½	- —
ex whse., Pac. cst.	lb.	.06¼	- —
white seal, bgs., c.l., dlvd.	lb.	.08¾	- —
l.c.l., dlvd., except Pac. cst.	lb.	.09	- —
ex whse., Pac. cst.	lb.	.09	- —
bbls., c.l., dlvd.	lb.	.09	- —
bbls., c.l., dlvd., except Pac. cst.	lb.	.09½	- —
ex whse., Pac. cst.	lb.	.09¼	- —
imported, gold seal, cks., ex whse.	lb.	No prices	
green seal, bbls., ex whse.	lb.	No prices	
white seal, cks., ex whse.	lb.	No prices	
USP, l.c.l., 50-lb. ctns, 50-lb. dms.	lb.	.10	- —
Palmitate, bbls	lb.	.24½	- .27½
Resinate, fused, pale, bbls.	lb.	.10	- —
precip., dms., dlvd.	lb.	.15	- —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.22	- —
l.c.l., 1 ton	lb.	.23	- —
1,000-2,000 lbs	lb.	.24	- —
less than 1,000 lbs.	lb.	.25	- —
USP, bbls	lb.	.25	- .27
Sulphate, cryst., bgs., c.l.	100 lbs.	3.00	- —
l.c.l.	100 lbs.	3.75	- —
bbls., c.l.	100 lbs.	3.15	- —
l.c.l	100 lbs.	3.90	- —
flake, bgs., c.l.	100 lbs.	3.35	- —
l.c.l.	100 lbs.	4.10	- —
bbls., c.l.	100 lbs.	3.50	- —
l.c.l	100 lbs.	4.25	- —
powd., bgs., c.l.	100 lbs.	4.70	- —
l.c.l.	100 lbs.	5.45	- —
bbls., c.l.	100 lbs.	4.85	- —
l.c.l.	100 lbs.	5.60	- —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07¾	- —
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.08	- —
bbls., c.l., 20 bbls., c.l. (20 tons), dlvd.	lb.	.08	- —
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.08¼	- —
barium, pigment, bgs., c.l., dlvd.	lb.	.05¼	- —
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.05½	- —
calcium pigment, bgs., c.l., dlvd.	lb.	.05¼	- —
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.05½	- —
magnesium, pigment, bgs., c.l., dlvd.	lb.	.05½	- —
l.c.l., dlvd., E. or ex whse., Pac. cst.	lb.	.05¾	- —
Sulphocarbolate, NF, bbls., dms.	lb.	.24	- .29
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15	- —
l.c.l., works	100 lbs	6.35	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05¼	- —
l.c.l., dlvd., except Pac. cst.	lb.	.05¾	- —
ex whse., Pac. cst.	lb.	.05¾	- —
Zirconium nitrate, kgs., works	lb.	3.00	- 4.00
Oxide, crude, 70-75%, gr., bbls., works	ton	75.00	-100.00
white, 98%, grd., kgs., works,	lb.	1.80	- 2.00

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Apr. 7 issue; the next printing will be in the May 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 37.

Bids Wanted

Alcohol, Denatured:—10,000 gallons for Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6446, opening May 6.

Ammonia Picrate:—3,355,000 pounds for Yorktown, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6498, opening May 2.

Baking Powder:—132,000 pounds, Bureau of Supplies and Accounts, Navy Department, Washington, schedule 6348, opening May 6.

Barium Sulphate:—5,400 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2141, opening May 1.

Cuprous Oxide:—200,000 pounds for Norfolk, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6509, opening May 2.

Dipentene:—4,800 gallons; for Mare Island; Bureau of Supplies and Accounts, Navy Department. Washington; schedule 6503, opening April 29.

Dry Colors:—Supplies of; Bureau of Engraving and Printing, treasury Department, Washington; schedule 5, opening June 6.

Laundry Sour:—1,500 pounds; Contracting Officer, Quartermaster Depot, Jeffersonville, Ind.; invitation 431-372, opening May 1.

Magnesium, Flat Shavings:—18,300 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6460, opening April 29.

Magnesum-Silicate:—290,000 pounds; for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6503, opening April 29.

Margarin, Nut:—84,988 pounds; Assistant Director, Bureau of Prisons, Department of Justice, Washington; invitation 2910, opening May 8.

Metal Polish:—16,000 pounds; Purchasing Agent, Post Office Department, Washington; 151, opening May 2.

Muriatic Acid:—150,000 pounds for Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6447, opening May 6.

Naphthalene:—15,000 pounds; Contracting Officer, Quartermaster Depot, Jeffersonville, Ind.; invitation 431-372, opening May 1.

Naphthenate Drier:—308,800 pounds; for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6503, opening April 29.

Nitric Acid:—50,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2159, opening May 7.

Paint, Coldwater:—181,500 pounds; Chief of Engineers, Washington; invitation 167, opening May 12.

38,000 gallons of interior coldwater; Purchasing and Contracting Officer, Sparta CCC District, Wis.; invitation 5606-107, opening May 5.

Materials:—Supplies of; Quartermaster, Fort Screvens, Ga.; invitation 826-25, opening May 2.

Recoil Oil:—10,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; circular 1526, opening May 5.

Red Toner:—2,500 pounds; Purchasing Agent, Treasury Department, Washington; invitation BEP-1167, opening April 30.

Resin, Alkyd:—765,000 pounds; for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6503, opening April 29.

Salad Oil:—3,520 gallons; Assistant Director, Bureau of Prisons, Department of Justice, Washington; invitation 2910, opening May 8.

Soap, Grit:—50,000 pounds; Depot, Quartermaster, Marine Corps, Philadelphia; schedule 1308, opening May 6.

Laundry:—12,000 pounds; Contracting Officer, Quartermaster Depot, Jeffersonville, Ind.; invitation 431-372, opening May 1.

5,000 pounds; Commanding Officer, Quartermaster Depot, Chicago; invitation 199-391, opening May 1.

Soda, Laundry:—10,000 pondus; Contracting Officer, Quartermaster Depot, Jeffersonville, Ind.; invitation 431-372, opening May 1.

Spices, Extracts:—Supplies of; Purchasing Officer, Interior Department, Washington; schedule 1-0, opening May 19.

Starch, Laundry:—1,000 pounds; Contracting Officer, Quartermaster Depot, Jeffersonville, Ind.; invitation 431-372, opening May 1.

Titanium Dioxide:—98,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6503, opening April 29.

Trinitriotoluol:—4,700,000 pounds for Yorktown, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6473, opening May 2.

Proprietary Medicine Exports Reported for February

Proprietary medicines exported from the United States during February have been tabulated by the Bureau of Foreign and Domestic Commerce. The value of the various classes of products exported in October was as follows:—

	Value.
Mouth washes and gargles	$28,240
Corn and foot remedies	10,465
Plasters	30,182
Liniments	4,599
Salves for burns, cuts and skin diseases	44,359
Salves for coughs, colds and catarrh	54,894
Cold, cough and bronchial preparations	65,861
Catarrh, asthma, and hay fever preparations	11,818
Malaria and chill preparations	11,776
Tonics and blood purifiers	120,371
Laxatives and purgatives	67,649
Milk of magnesia	3,866
Digestive preparations	21,611
Headache, neuralgia, and pain remedies	27,944
Other proprietary medicinals	207,116

R. H. Macy & Co., this city, plans to use retail drug stores for distributing its 'Supremacy' brand of drugs and cosmetics. Previously department stores and super-markets were used.

Wartime Effects on Chemical Prices

Heavy Chemicals

	Price in Dec., 1913.	War period high and date.		Price July 3, 1939.	Price Apr. 25, 1941.
Acid, acetic, 28%.....100 lbs.	$1.75	$12.00	(June, 1918)	$2.23	$2.23
Acetic, glacial.....100 lbs.	8.00	42.00	(May, 1918)	7.62	7.62
Battery, 66°.....100 lbs.	1.00	9.00	(Sept., 1918)	1.60	1.60
Boric, tech., gran.....ton.	140.00	290.00	(Dec., 1919)	106.00	93.50
Formic.....lb.	.14	.38	(Aug., 1920)	.10½	.10½
Hydrofluoric, 30%.....lb.	.03	.11	(Dec., 1918)	.07	.06
Lactic, 22%.....100 lbs.	1.78	7.00	(Jan., 1917)	2.50	2.50
Muriatic.....100 lbs.	1.45	5.00	(Jan., 1918)	1.05	1.05
Nitric.....100 lbs.	4.50	10.70	(Oct., 1917)	5.00	5.00
Phosphoric, 50%.....lb.	.0360	.47	(Jan., 1917)	.06	.06
Oxalic.....lb.	.07½	.80	(March, 1916)	.10¾	.10¾
Sulphuric, 66 deg.....100 lbs.	20.00	60.00	(Jan., 1916)	16.50	16.50
Tannic, tech.....lb.	.35½	.80	(Dec., 1918)	.40	.54
Alum, ammonia.....100 lbs.	1.75	8.00	(Sept., 1918)	3.15	3.50
Alumina hydrate, light.....lb.	.12	.17	(Dec., 1918)	.12	.12
Hydrate, heavy.....lb.	.05	.11	(Dec., 1918)	.0290	.0290
Sulphate, iron-free....100 lbs.	1.25	7.00	(Aug., 1920	1.30	1.60
Sulphate.....100 lbs.	.90	3.50	(Nov., 1917)	1.15	1.15
Ammonia, anhydrous.....lb.	.25	.33	(Dec., 1918)	.04½	.05
Aqua, 26 deg.....lb.	.04¾	.30	(May, 1918)	.05	.05¼
Ammoniac, sal.....lb.	.05¾	.22	(July, 1917)	.05½	.05½
Antimony, needle.....lb.	.04	.20	(Jan., 1915)	.12	.18
Oxide.....lb.	.06¾	.35	(Jan., 1916)	.10	.12
Arsenic, red.....lb.	.05¾	.70	(Dec., 1916)	.15¾	No price
White.....lb.	.02¾	.20	(May, 1917)	.03	.03½
Barium chloride.....ton.	33.00	160.00	(Apr., 1920)	77.00	77.00
Bleaching powder.....100 lbs.	1.25	14.00	(Jan., 1916)	2.00	2.00
Blue vitriol.....lb.	5.00	23.00	(Jan., 1916)	4.10	4.75
Calcium acetate.....100 lbs.	2.00	7.05	(Jan., 1916)	1.65	1.90
Carbon tetrachloride.....lb.	.07¾	.45	(Oct., 1918)	.66½ (gal.)	.66½
Chlorine, liq., tech.....lb.	.15	.22	(June, 1918)	.05¼	.05¼
Copperas.....100 lbs.	.82½	4.00	(June, 1920)	1.45	1.55
Copper carbonate.....lb.	.13½	.45	(Jan., 1918)	.14	.18
Glauber's salt.....100 lbs.	.60	3.00	(July, 1918)	.95	.95
Lead acetate.....lb.	.07¾	.17	(March, 1918)	.10	.11
Arsenate.....lb.	.05¾	.15	(Jan., 1918)	.10	.09
Nickel salts.....lb.	.12	.17	(Sept., 1918)	.13	.13
Phosphorus, red.....lb.	.50	1.70	(Jan., 1918)	.40	.40
Yellow.....lb.	.45	2.10	(Jan., 1918)	.18	.18
Potash carbonate.....lb.	.03¼	.70	(Nov., 1917)	.06½	.06½
Caustic.....lb.	.04	1.00	(Feb., 1916)	.07	.07
Chlorate.....lb.	.08¼	.75	(March, 1916)	.09¾	.11
Permanganate.....lb.	.09¾	2.75	(Jan., 1917)	.18½	.19¼
Saltcake.....ton.	11.50	80.00	(Aug., 1920)	15.00	17.00
Saltpeter.....lb.	.04½	.38	(Jan., 1916)	.07½	.0760
Soda ash, 58%, light.....100 lbs.	.57½	4.50	(Feb., 1916)	1.10	1.10
Bicarbonate, tech.....100 lbs.	1.00	4.50	(Sept., 1917)	1.70	1.70
Bisulphate, powd.....100 lbs.	2.25	6.00	(Jan., 1918)	3.30	3.00
Caustic, 76%, solid.....100 lbs.	1.75	10.70	(Jan., 1917)	2.30	2.30
Chlorate.....lb.	.08¼	.35	(Feb., 1916)	.06¼	.06¼
Cyanide.....lb.	.25	2.00	(Sept., 1917)	.14	.14
Sal.....100 lbs.	.60	2.50	(Nov., 1918)	1.20	1.20
Silicate, 40°.....100 lbs.	.60	3.50	(Oct., 1918)	.80	.80
Silicate, 60°.....100 lbs.	2.00	8.00	(Oct., 1918)	1.40	1.40
Sulphide.....100 lbs.	2.25	12.00	(Nov., 1918)	2.25	2.25
Sulphite.....100 lbs.	2.25	6.00	(Jan., 1916)	2.10	2.10
Sulphur, comm. flour.....100 lbs.	2.00	3.75	(Jan., 1918)	1.60	1.60
Tin oxide.....lb.	.40	1.10	(May, 1918)	.52	.54
Zinc carbonate, tech.....lb.	.08½	.20	(Jan., 1918)	.14	.14
Chloride, fused.....lb.	.04½	.17	(May, 1917)	.04¼	.04¼
Sulphate.....lb.	.02½	.07½	(Dec., 1916)	.02¾	.03

Coaltar Chemicals

Acid, benzoic.....lb.	.23	9.00	(Dec., 1916)	.43	.43
Cresylic.....gal.	†	1.25	(Aug., 1918)	.49	.68
Picric.....lb.	.50	1.50	(May, 1916)	.35	.35
Salicylic.....lb.	.25	4.25	(April, 1916)	.33	.33
Sulphanilic.....lb.	†	.45	(Dec., 1916)	.17	.17
Alphanaphthol.....lb.	†	1.25	(Dec., 1917)	.52	.52
Alphanaphthylamine.....lb.	†	1.35	(Jan., 1917)	.32	.32
Analin oil.....gal.	.10½	.95	(Dec., 1916)	.15	.15
Anthracene.....lb.	†	1.00	(Dec., 1919)	.55	.55
Benzol, 90%.....gal.	†	.90	(March, 1916)	.16	.14
Betanaphthol, tech.....lb.	†	.38	(July, 1921)	.23	.23
Betanaphthylamine, tech.....lb.	†	2.00	(Jan., 1918)	.51	.51
Bismarck brown R.....lb.	.45	1.25	(Feb., 1918)	.37	.50
Chrome yellow G.....lb.	†	2.00	(Jan., 1918)	.65	.65
Creosote oil, 25%.....gal.	†	.40	(Jan., 1920)	.13½	.13½
Cresol, U.S.P.....lb.	†	1.50	(Jan., 1917)	.09½	.09¾
Diethylanilin.....lb.	†	5.50	(May, 1918)	.40	.40
Dimethylanilin.....lb.	†	1.65	(May, 1920)	.23	.23
Direct black.....lb.	†	3.50	(Jan., 1918)	.50	.50
Fuchsin, basis.....lb.	3.00	11.25	(March, 1918)	2.10	2.25
Naphthalene, flake.....lb.	.02¼	.21	(Aug., 1920)	.05¾	.07
Nitrobenzene.....lb.	.06½	.25	(Feb., 1917)	.08	.08
Phenol.....lb.	.08½	1.50	(Feb., 1918)	.13	.12
Phthalic anhydride.....lb.	†	6.00	(Dec., 1917)	.14½	.14½
Solvent naphtha.....gal.	†	.30	(Jan., 1917)	.26	.26
Sulphur yellow.....lb.	†	.90	(Jan., 1918)	.30	.30
Toluol.....gal.	†	6.00	(Feb., 1918)	.22	.27
Vat indigo.....lb.	.42	1.50	(May, 1917)	.15	.15
Xylol.....gal.	†	1.20	(Feb., 1917)	.26	.26

Fertilizer Chemicals and Materials

Ammonia sulphate.....ton.	59.00	157.00	(April, 1918)	28.00	29.00
Blood, dried.....unit-ton.	3.30	8.75	(March, 1920)	2.50	3.25
Bones, raw, ground.....ton.	28.00	62.50	(March, 1920)	28.00	34.00
Fishscrap.....unit-ton.	3.60 & .10	7.50 & .10	(June, 1920)	3.35 & .10	4.25 & .10
Hoofmeal.....unit-ton.	2.95	7.50	(March, 1920)	2.65	2.75
Phosphate rock, Fla.....ton.	3.00	12.00	(July, 1920)	1.90	1.90
Potash, muriate.....unit-ton.	.80	7.30	(Jan., 1918)	.53½	.53½
Pyrites.....unit-ton.	.10½	.25	(Dec., 1917)	No prices	No prices
Soda nitrate, bulk.....ton.	44.00	110.00	(May, 1918)	27.00	27.00
Sulphur.....long ton.	22.00	75.00	(Jan., 1918)	16.00	16.00
Tankage, high-grade.....unit-ton.	2.45	7.25	(March, 1920)	2.85 & .10	3.75 & .10

Dyestuffs, Textile, Leather Chemicals

Albumen, egg.....lb.	.42	2.40	(July, 1918)	.60	.80
Annatto seed.....lb.	.07	.17	(Jan., 1917)	.06½	.06
Antimony salt.....lb.	.11½	.75	(Nov., 1918)	.25¾	.22
Cochineal.....lb.	.45	1.00	(Nov., 1918)	.35	.37
Cornstarch.....100 lbs.	2.34	9.00	(June, 1918)	2.50	3.00
Dextrin.....100 lbs.	3.17	9.00	(June, 1918)	3.70	4.15
Fustic, ext., solid.....lb.	.08	.55	(Jan., 1916)	.17½	.19
Gambier, common.....lb.	.04½	.40	(Dec., 1916)	.06¾	.08
Indigo.....lb.	.75	3.75	(July, 1918)	1.63	2.14
Logwood ext., sol.....ton.	.06	.90	(Jan., 1916)	.15	.16½
Myrobalans.....ton.	28.00	68.00	(Feb., 1917)	25.50	48.00
Potash bichromate.....lb.	.06¾	.50	(Sept., 1917)	.08¾	.08¾
Prussiate, yellow.....lb.	.14	1.30	(Jan., 1918)	.14	.16
Quebracho.....lb.	.04¾	.20	(Jan., 1916)	.03¾	.04¼
Sago flour.....lb.	.02¾	.10½	(Aug., 1918)	.02½	.04¼
Soda acetate.....lb.	.03¾	.35	(July, 1918)	.04	.04¼
Bichromate.....lb.	.04¾	.45	(April, 1920)	.06¾	.06¾
Hydrosulphite, ordinary....lb.	1.30	4.10	(Nov., 1918)	2.25	2.25
Prussiate, yellow.....lb.	.10½	.75	(June, 1918)	.09½	.10½
Starch, potato, dom.....lb.	.05	.15½	(April, 1918)	.04	.04¼
Potato, imp.....lb.	.05¼	.16	(April, 1918)	.05	No price
Wheat.....lb.	.04¾	.12½	(Dec., 1918)	.05	.05
Sumac, ground.....ton.	15.00	150.00	(Feb., 1919)	66.00	No price
Tapioca flour.....lb.	.03½	.18	(June, 1918)	.02½	.04
Turmeric, Alleppey.....lb.	.04¼	.17	(May, 1918)	.06¼	.06½ Nom.
Zinc dust.....lb.	.06½	.35	(Jan., 1916)	.06½	.09¼

* Nominal. † No record. ‡ No prices.

Paint, Varnish, and Lacquer Materials

	Price in Dec., 1913.	War period high and date.		Price July 3, 1939.	Price Apr. 25, 1941.
Asphaltum, Manjak No. 10...ton.	36.00	60.00	(March, 1919)	50.00	90.00
Barytes.....ton.	19.00	40.00	(Aug., 1920)	22.85	22.85
Blanc fixe.....ton.	57.50	130.00	(Nov., 1920)	55.00	50.00
Carbon black.....lb.	.04	.40	(May, 1918)	.02¾	.03325
Casein.....lb.	†...	.20	(Dec., 1918)	.08¾	.15
China clay, dom.....ton.	8.00	25.00	(March, 1919)	9.50	9.50
Imported.....ton.	11.00	50.00	(Aug., 1918)	*22.00	21.00
Chrome yellow, C.P.....lb.	.11	.35	(March, 1918)	.14½	.14½
Chrome green, C.P.....lb.	.17	.70	(Aug., 1918)	.21	.21
Copal, Manila, small chips....lb.	.15	.20	(May, 1920)	.08¼	.09
Dammar, Batavia, a/e.....lb.	.20	.60	(March, 1920)	.11¾	.12¾
Iron blues.....lb.	.30	1.50	(July, 1917)	.36	.33
Litharge.....lb.	.06¾	.12½	(July, 1917)	.0635	.0735
Lithopone.....lb.	.03¾	.08¼	(July 1920)	.04½	.0385
Orange mineral, Amer.....lb.	.07½	.15	(July, 1917)	.10½	.11¼
Red lead.....lb.	.06	.13	(July, 1917)	.07¾	.0835
Shellac, T.N.....lb.	.19½	1.60	(Jan., 1920)	.09½	.24½
Sienna, Ital., burnt.....lb.	.04	.16	(Jan., 1920)	.12¼	.13
Talc, Amer., N.Y.....ton.	15.00	40.00	(July, 1918)	14.00	14.00
Turpentine.....gal.	.45	2.65	(April, 1920)	.34½	.44
Umber.....lb.	.03	.07½	(Oct., 1917)	.02¾	.03½
White lead, basic carbonate...lb.	.05¼	.11½	(July, 1918)	.07	.07½
Basic sulphate.....lb.	.05	.11	(July, 1917)	.06¼	.06½
Whiting.....ton.	9.00	28.00	(April, 1920)	12.00	16.00
Zinc oxide Fr., red.....lb.	.08¾	.17½	(April, 1917)	.07½	.07¾

Oils, Fats, and Waxes

Beeswax, Afr.....lb.	.36	.47	(Nov., 1918)	.19½	.30
Candelilla.....lb.	.22	.57	(June, 1918)	.15½	.21½
Carnauba, N.C. 3.....lb.	.33	.81	(June, 1918)	.31	.60
Chinawood oil.....lb.	.06¾	.32	(July, 1918)	.20	.28½
Coconut oil.....lb.	.12½	.20¼	(July, 1919)	.03¾	.06¼
Cod oil.....gal.	.39	1.60	(Oct., 1918)	.32	.75
Corn oil, crude.....lb.	.06½	.20¾	(Jan., 1920)	.06¼	.09¾
Cottonseed oil, crude.....lb.	.05¾	.22½	(June, 1919)	.05¾	.08½
Degras.....lb.	.03	.26½	(Oct., 1918)	.07	.07½
Grease, house.....lb.	.05¾	.16½	(July, 1916)	.04¾	.07½
Japan wax.....lb.	.10½	.27½	(Sept., 1918)	.11¼	.17
Lard.....lb.	.10½	.37½	(June, 1918)	.06¾	.08½
Lard oil, No. 2.....gal.	.52	1.50	(Sept., 1918)	.08¾	.10¾
Linseed oil.....gal.	.46	2.22	(July, 1919)	.0880 (lb.)	.10
Menhaden oil, crude.....gal.	.36	1.27	(Sept., 1918)	*.26	.50
Oleo oil.....lb.	.08½	.34	(May, 1919)	.08	.11
Neatsfoot oil, 20 deg.....gal.	.96	3.50	(June, 1918)	.14¾ (lb.)	.16¼
Olive oil, denat.....gal.	.83	4.50	(Aug., 1918)	.82	3.10
Palm oil.....lb.	.10½	.22	(Oct., 1919)	.0360	.05¾
Peanut oil, crude.....lb.	.06½	1.80	(June, 1919)	.05¾	.08¾
Perilla oil.....lb.	†...	.26	(Aug., 1919)	.1020	.17½
Rapeseed oil, denatured.....gal.	.38¾	.25	(Sept., 1918)	.14	.90
Red oil, dist.....lb.	.06	.20½	(June, 1919)	.06½	.09¾
Soybean oil.....lb.	.06¾	.20½	(July, 1918)	.05½	.08¾
Sperm oil.....gal.	.69	2.25	(Dec., 1918)	.69	.10½
Stearic acid.....lb.	.09	.31½	(July, 1919)	.10	.12¾
Stearin.....lb.	.09¾	.34	(May, 1919)	.05¾	.09
Tallow.....lb.	.06¾	.21	(July, 1919)	.05 (lb.)	.07½
Whale oil, refined.....lb.	.50 (gal.)	1.50	(Sept., 1918)	.0770	.09½

Drugs and Fine Chemicals

Acetanilide, U.S.P.....lb.	.21	2.50	(April, 1916)	.32	.32
Acetphenetidin.....lb.	.84	42.00	(Nov., 1916)	1.00	1.00
Acid, citric.....lb.	.51	1.25	(Dec., 1918)	.20	.20
Tartaric.....lb.	.31	.83	(April, 1919)	.27¾	.63½
Alcohol, ethyl tanks.....gal.	2.50	5.60	(Oct., 1917)	4.46	5.96½
Antipyrene.....lb.	a 2.60	60.00	(Feb., 1916)	2.00	2.00
Bismuth subnitrate.....lb.	1.80	3.20	(April, 1918)	1.23	1.20
Blue mass.....lb.	.40	.95	(July, 1918)	1.10	1.67
Caffeine alkaloid.....lb.	3.65	13.50	(April, 1918)	2.20	2.60
Camphor, Japanese.....lb.	.42½	3.75	(Oct., 1918)	.48½	.73
Calomel.....lb.	.63	2.00	(July, 1918)	1.52	2.70
Castor oil, medicinal, tanks....lb.	.08¾	.30	(Aug., 1918)	.08	.09½
Chloroform.....lb.	.25	.70	(Jan., 1916)	.30	.30
Codliver oil, Nor.....bbl.	23.00	130.00	(July, 1916)	20.00	80.00-85.00
Codeine sulphate.....oz.	5.50	11.00	(Feb., 1917)	9.50	9.50
Corn syrup, 42°.....100 lbs.	2.01	6.39	(Aug., 1917)	3.07	3.52
Corrosive sublimate.....lb.	.54	1.79	(July, 1918)	1.17	2.04
Cream of tartar.....lb.	.24¾	.68½	(July, 1918)	.22¾	.52½
Epsom salt.....100 lbs.	1.05	4.37½	(June, 1917)	1.80	1.80
Formaldehyde.....lb.	.08½	.85	(March, 1920)	.05¼	.04
Glycerin, C.P.....lb.	.20¼	.70	(Oct., 1917)	.12½	.12½
Dynamite.....lb.	.19¾	.70	(Oct., 1917)	.11½	*.11½
Soaplye.....lb.	.14¼	.47½	(March, 1917)	.07¾	.07½
Saponification.....lb.	.16½	.55	(Oct., 1917)	.08¾	.08¼
Iodine, resub.....lb.	3.55	4.50	(Aug., 1919)	1.75	1.75
Menthol.....lb.	2.70	14.00	(Jan., 1920)	2.95	4.05
Mercury bisulphate.....lb.	.37	1.58	(July, 1918)	1.77	2.69
Methanol, 95%.....gal.	.46	3.25	(June, 1920)	.31	.41
Morphine sulphate.....oz.	4.50	13.80	(Oct., 1917)	8.80	9.00
Opium, powd.....lb.	7.35	33.00	(April, 1917)	12.50	12.50
Quicksilver.....flask	40.50	300.00	(Jan., 1916)	88.00	182.00
Quinine sulphate U.S.P. XI...oz.	.23	.90	(May, 1918)	.61	b .67
Red precipitate.....lb.	.73	2.19	(July, 1918)	1.81	3.06
Salol.....lb.	.55	9.50	(Jan., 1916)	.90	.90
Santonin.....kilo.	57.00	175.00	(May, 1920)	55.00	150.00
Soda benzoate.....lb.	.23¾	9.00	(Oct., 1916)	.46	.46
Bromide.....lb.	.45	3.50	(Jan., 1916)	.31	.27
Strychnine sulphate, cryst.....lb.	.50	1.80	(June, 1918)	.42	.50
Thymol.....lb.	2.25	17.50	(May, 1917)	1.40	1.50
Vanillin.....lb.	5.28	14.40	(Aug., 1918)	2.10	2.10
White precipitate.....lb.	.78	2.29	(July, 1918)	1.76	2.54

a Price in January, 1915. b Plus 8½c. per oz. surcharge.

Botanical Drugs, Spices, Gums

Aconite root.....lb.	.13	.90	(Dec., 1919)	.25	.45
Aletris root.....lb.	.20	1.25	(March, 1920)	.37	.39
Arnica flowers.....lb.	.15	3.00	(April, 1917)	.27	5.00
Belladonna root.....lb.	.09	4.50	(Jan., 1918)	.17	2.00
Leaves.....lb.	.25	1.65	(Feb., 1918)	.12	1.75
Caraway seed.....lb.	.08	.69	(Nov., 1918)	.09¼	.66
Cascara sagrada.....lb.	.07¾	.19	(Sept., 1918)	.09	.17
Chamomile flowers, Rom.....lb.	.21	1.35	(May, 1917)	.28	3.25
Hungarian.....lb.	.13	.75	(April, 1916)	.21	1.00
Cinchona bark, quills.....lb.	.20	.80	(Jan., 1918)	.55	.85
Digitalis leaves.....lb.	.08	.70	(Jan., 1918)	.36	.35
Ergot.....lb.	1.25	5.00	(Dec., 1919)	1.35	1.55
Golden seal.....lb.	4.90	5.75	(April, 1917)	2.75	2.50
Gum arabic.....lb.	.08½	.33	(Oct., 1917)	.10¼	.16
Tragacanth, Alleppo, No. 1.lb.	1.15	4.15	(Dec., 1918)	2.25	2.75
Henbane leaves.....lb.	.12	2.10	(July, 1918)	.14	2.50
Ipecac root.....lb.	1.80	4.75	(Nov., 1918)	1.00	1.20
Jalap root.....lb.	.13	.80	(Aug., 1919)	.15	.28
Myrrh.....lb.	.13	1.00	(Feb., 1919)	.39	.50
Rhubarb root.....lb.	.16	1.90	(Dec., 1919)	.46	.38
Saffron, Spanish.....lb.	11.50	16.00	(July, 1918)	29.00	27.00
Senega root.....lb.	.66	2.50	(Jan., 1920)	.56	.90
Soapbark, whole.....lb.	.08½	.16	(Aug., 1919)	.10½	.10
Cut, domestic.....lb.	.10	.26	(May, 1920)	.13	.22
Stramonium leaves.....lb.	.08	.22	(Jan., 1918)	.13	.48
Valerian root.....lb.	.09½	1.65	(Jan., 1919)	.13	.48
Vanilla beans, Bour.....lb.	3.00	3.00	(Aug., 1919)	5.50	*9.50
Mexican, whole.....lb.	4.00	5.00	(May, 1917)	5.50	10.00

* Nominal.

Essential Oils

Almond, sweet.....lb.	.80	2.75	(Dec., 1918)	.56	1.50
Anise.....lb.	1.65	1.50	(Dec., 1918)	.65	.80
Bergamot.....lb.	6.00	7.50	(Sept., 1917)	3.65	*22.00
Cassia.....lb.	1.30	3.75	(Nov., 1918)	.90	2.25
Citronella, Ceylon.....lb.	.48	.51	(Jan., 1918)	.33	.42½
Clove, cans.....lb.	1.00	3.50	(Jan., 1918)	.97	1.15
Eucalyptus.....lb.	.45	.70	(Jan., 1917)	.42	.65
Geranium, Alger.....lb.	7.50	11.00	(Nov., 1918)	2.65	*15.00
Lavender flowers, 30-32% ester.lb.	3.75	11.00	(Dec., 1919)	2.00	5.00
Lemon, Italian.....lb.	2.90	2.00	(March, 1920)	3.20	*4.75
Lime, distilled.....lb.	.70	2.75	(Jan., 1917)	2.65	5.50
Wormseed.....lb.	1.90	11.00	(July, 1918)	2.25	2.50

* Nominal. † No record. ‡ No prices.

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison.

Published every Monday by Schnell Publishing Company, Inc.:—Harry J. Schnell, President and Treasurer; Wm. Stuart Auchincloss, Vice-President and Secretary; Hugh Craig, Vice-President; Burr Price, Vice-President; A. L. Koch, Assistant Secretary. Address 59 John Street, New York, N. Y.; U. S. A. Telephone REctor 2-9820. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates including postage in the United States and possessions, Cuba, Mexico, Central America, and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 139 April 28, 1941 Number 17

Contacts Must Be Kept Up

The automobile industry is reducing its output of cars in order to take a better hold on the handling of defense production. In other industries there becomes noticeable the influence of a growing understanding of the seriousness of the defense problem. But, there still remain men and organizations of men, social, commercial, and industrial in their purposes, that seemingly will not come to this recognition until blasted thereto by an uncomfortably close bomb.

Some industrial leaders are putting defense work above everything else and are endeavoring to arouse their fellows to the fallacy of "business as usual." Others stubbornly stick to what they regard as normal operations and argue that these alone will provide overall profits with which taxes can be paid. In between, although leaning toward the defense necessity, are farseeing men whose advice is that promotion and selling activities be kept at a normal level even though current results be subnormal.

Those who call for an all-out endeavor in the field of defense would let the after-effects of expansion wait until they come. They would mimimize these by turning as far as possible from everyday efforts. The trade-preserving men would cushion the drop by keeping the processes of commerce going, although at a lessened speed, so as to be in position to step them up as the necessity arose to take up the slack of defense production. This is the best advice.

Because the time when martial defense work will be becoming secondary is likely to be a number of years hence, anticipation of the subsequent necessity of economic defense should not be pushed too strongly. Such anticipation is necessary and it must include the preparatory activities which will keep the machinery in standby condition.

Men will be called to defense work in steadily increasing numbers. Hence the promotion and selling which will keep the normal business structure intact and find and furnish the new materials that become necessary, will have to be done by advertising that is keyed to the job.

No Pioneering

So far the developments in the big endeavor to raise a paltry three-four billions of additional U. S. revenue do not provide even an inkling that any new ideas have been acquired by departmental or congressional financial propositioners. The same old levies on incomes and the same old nuisance taxes —euphemistically, excises—are the only eggs being readied for the incubator. The only difference is in their number and their size.

It would be funny, if it were not deplorable, that there is an attitude—maybe more—in Congress to spare the low-income citizens. But, at the same time big boosts are favored for corporation taxes. And who pays all the taxes of all corporations and all producers? The consumer, the big majority of whom have low incomes. Of course, that catch is not publicized.

Honest business would much prefer to see taxes levied at the bottom so that they could not snowball downward. But politicians, not pioneers, are elected to Congress.

—O-P-D—

It's a Bad Habit

Under the criterion of nineteenth century intelligence and behavior, the expectations of retail druggists presented at the N.W.D.A. meeting last week with reference to services to be provided by wholesalers, are the height of absurdity or asininity. Judged by the vast popular tendency of today to do nothing that another can be wheedled into doing, there is nothing flabbergasting even about this one:—

I want the wholesaler to send a man to pick out the five best "hot spots" in my store every two weeks and build a timely display on each.

The time of the poet's "Man wants but little here below" has passed beyond even recollection or recognition in the fog of what is demanded as a matter of course of government and of "George" in a hundred other identities by those who have been convinced by the increasingly widespread success of others that somebody owes them a living and is quite ready to pay if properly approached.

The corner druggist of the nineties had a word for those of his calling who "lived off his wholesaler." In those days, this "living" was wholly a matter of stretching credit. Today, as the aforementioned expectations show, "living off his wholesaler" is often the whole gamut of a retailer's existence.

The reasons for this are many. The puzzle is why the lack of self-reliance is particularly characteristic of the drug trade. In other trades, wholesaling has been decimated by the growing independence and efficiency of retailers—even though the average life of the latter has been but little extended because retailing is still the "easy-chair" of those who are forced out of other pursuits by too little ability or too much age and of those whose ambition to be their own boss far outruns all ability of whatever sort they may possess.

It is also to be considered that the drug store of today is something that was unknown when druggists also were very, very different in many ways from the present generation. Where is the fault? And whose? Some may attribute it to the mechanization of human activity, and be right—to the extent that this has removed opportunities for those whose hands are more skillful than their heads. Some will lay the blame on education—basic and technical—and these too will be right, because the common schools don't know how to provide receptivity and the technical schools don't know what to put in it.

The twenty-three questions posed by retailers before the wholesalers' meeting are plain indications of a growing, deplorable habit of self-deficiency. They are also a challenge to pharmacal educators—and a bonanza of ideas for pharmacal journalists!

—O-P-D—

Carelessness or Else

Is there something funny—or is there —about the news that among the manufacturers and distributors who will lead the discussion at the four 'round-table meetings of the conference on consumer goods May 2 there are no representatives of the drug, the paint, the chemical specialty or any related industry? In the "complete" list sent out by the Department of Commerce only the food, clothing, and bedclothes groups are scheduled to appear.

Perhaps there is a reason for limiting the conference in that manner. Maybe drugs, insecticides, disinfectants, and other necessities will be given an inning in the near future. Maybe the governmental department has confidence that the omitted trades will not do the consumer wrong.

But, in these days of priorities in respect of men, machines, and materials, it would seem to be the part of wisdom that the drug, paint, chemical specialty, and related industries be appropriately represented in the consumer-goods conference. Otherwise they might be discussed out of the running.

—O-P-D—

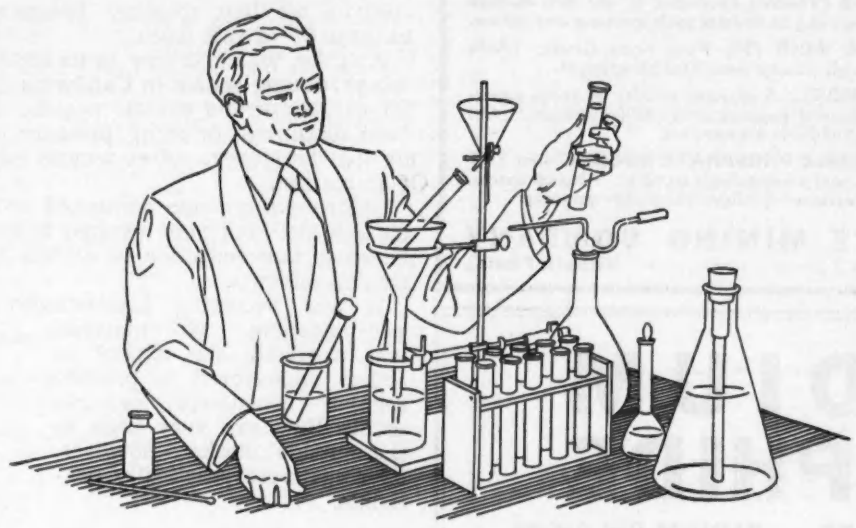
Ancient, Honorable Company

In a bit of recent delving into the records of the OIL PAINT AND DRUG REPORTER it was disclosed that twenty-two of the companies now advertising in this publication have been advertisers here for fifty years or longer. One of this ancient and honorable company of friends—the term is used advisedly in all its applications—has been an advertiser ever since the REPORTER was established seventy years ago.

The roll comprises also four advertisers with a record of sixty-eight years; seven with sixty-seven years; one with sixty-six years; one with sixty years. The remaining eight have been OPD advertisers for half a century.

The REPORTER is proud of the connotation of reliability and usefulness that lies in this record of long-continued serving of the chemical and related industries. It has pride also in the less lengthy but equally important serving of eleven other advertisers for forty years; twelve others for thirty years; thirty-eight for twenty years or more; another thirty-seven for more than a decade—and the almost one hundred fifty that have come more recently into this company of friends.

It is good to have lived among friends. It is good to feel that neighbors are friends. The chemical and related industries constitute a large community, with interests varying widely in some respects but closely interrelated in fundamentals and correlated in purpose. Among the community's many friendly neighbors it is a pleasure and a pride to dwell and to serve for seventy years—or for one.



A Tribute to the Chemical Industry

Americans themselves are hardly aware of the gigantic strides made by this nation's chemical industry. A brief century ago, few, small and crude were the plants devoted to the production and refining of chemicals. Even until World War I, the United States depended on Europe for fast dyes and some other commodities whose superiority was due to the achievements of foreign chemists. The last quarter century has seen amazing development in our American chemical industry — a growth from youth to maturity — independence of foreign leadership, successful experimentation in new, industrially important fields such as the Plastics. Chas. Pfizer & Co. take pride in having been an integral part of this whole pageant of growth of a great national industry almost from its beginning, and particularly in actively contributing to its accelerating development today.

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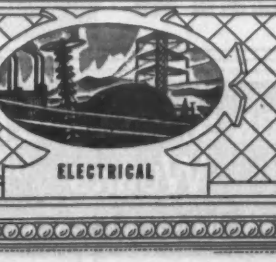

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Heavy Chemicals

Many Chemicals Oversold with Shipments Running Behind —Strike Further Tightens Carbonate and Caustic Potash —Chlorine Shortage Affecting Chlorinated Solvents

Business continued at a high level in the market for heavy chemicals last week. Numerous basic chemicals appeared to be in an oversold condition, and delays in shipments were not uncommon. Bookings ran far ahead in certain materials. Acceptance of new business was impossible as most sellers were under pressure to supply regular contract consumers. A narrowing in export and outside business was evident. While the entire price structure has strengthened actual changes were conspicuous by their absence. Range on war prices will be found on page 25 of this issue.

A strike, which is now in its sixth week, at an important potash producing center in California further tightened the market for carbonate and caustic potash. Shipments of muriate have been disrupted, bringing pressure on other producers to make up the deficiency. Most factors have withdrawn from the export market.

Chlorine shipments continued to fall behind, while new production facilities were awaited to take up the lag. The shortage began to find reflection in carbon tetrachloride and other chlorinated solvents.

It was becoming increasingly difficult to obtain potash permanganate. No material was available for export as sellers endeavored to provide regular consumers requirements. Bids ran very high in the outside market, however, offerings were practically negligible.

Alums.—Movement steady and prices firm. February exports 440,569 pounds.

Alumina Sulphate.—Firm price tone characterized market. Demand good. February exports 6,040,377 pounds.

Ammonia, Anhydrous.—Market position strong, inquiries heavy. Prices firm. February exports 1,915,982 pounds.

Ammonia, Aqua.—Shipments steady, market in tight position. Prices rule firm.

Ammonia Bicarbonate.—Dealings remain routine. Quotations unchanged.

Ammonia Bifluoride.—Market firm, with business on a restricted basis.

Ammonia Nitrate.—Brisk inquiry. Prices unchanged and firm.

Ammonia Persulphate.—Purchases moderate, while prices were firm.

Ammonia Silicofluoride.—Offerings limited, and market in firm position.

Ammonia Sulphide.—Steady interest. Pricewise a firm tone prevailed.

Ammoniac, Sal.—A good volume of business continued in evidence. Prices firm.

Antimony Oxide.—Dealings routine. No change in prices, with tone steady to firm.

Arsenic.—Seasonal movement of White underway to agricultural channels. Prices remain firm.

Barium Salts.—Prices unchanged and tone firm. Inquiries and shipments steady.

Bleaching Powder.—Steady demand against contracts. Prices firm. February exports 155,113 pounds.

Calcium Acetate.—Market position tight, and business good.

Calcium Carbide.—Withdrawals steady. Prices rule firm. February exports 4,152,442 pounds.

Calcium Chloride.—Good seasonal inquiry evident for roads and concrete curing. Prices unchanged. February exports 3,090,805 pounds.

Carbon Tetrachloride.—Market position tight, and shipments falling behind.

Chlorine.—No let up in business, with some producers oversold and shipments delayed. Prices firm. February exports 864,640 pounds.

Cobalt Oxide.—Plans going forward for domestic production. Selling limited. Prices firm.

Copper.—Demand continues sufficient to absorb available supplies. Metal Reserve allotments awaited for May. Prices unchanged.

Copper Salts.—Various copper derivatives continued in good demand, with many sellers limiting offers. Prices firm.

Copper Sulphate.—Inquiries brisk, with sellers endeavoring to take care of domestic business. Most factors withdraw from export market. Prices firm. February exports 3,589,485 pounds.

Fluorspar.—Prices appear stabilized, and shipments moved steadily.

Glauber's Salt. — Market position firm, and business good.

Lead Acetate.—Transactions remain routine, while prices display firmness.

Lime.—Steady to firm price tone. Bookings steady.

Manganese Dioxide.—Selling continued limited to regular contract channels. Prices rule firm.

Nickel Salts.—Market short, sellers unable to take care of all business. Prices firm.

Phosphorus.—Offerings of red limited; moderate demand for yellow. Quotations unaltered.

Potash Carbonate.—Market position tight, inquiries and shipments steady. Prices firm.

Potash, Caustic.—Sellers supplying regular accounts, unable to accept new business or export inquiries. Prices firm. February exports 790,185 pounds.

Potash Chlorate.—Shipments moved steady to usual consumers. Prices firm.

Potash Cyanide. — Demand routine. Prices remain firm.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
158.2	158.2	158.2	150.8

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	101.6	101.6	101.6

Market news that may have developed after this report was sent to press will be found on page 4.

Association meetings:—

Purchasing Agents Ass'n, May 26-29, Chicago.
Manufacturing Chemists Ass'n, June 5-6, Skytop, Pa.
Insecticide, Disinfectant Mfrs., June 9-10, Chicago.

Potash Permanganate.—Market in short position, sellers concentrating on supplying regular accounts. None offered for export. Prices firm.

Saltcake.—Material moving direct to consuming channels. Prices nominal.

Saltpeter.—Interest fairly well sustained, and prices were firm.

Soda Acetate. — Market position firm, and buying steady.

Soda Ash.—Demand shows improvement, and market in satisfactory position. Prices unaltered.

Soda Bicarbonate.—Steady to firm price tone. Commitments routine.

Soda Bifluoride. — Market firm. Steady inquiry.

Soda Bisulphite. — Good demand. Prices display stability.

Soda, Caustic.—Broader buying recently has strengthened market, while prices held at same levels.

Soda Chlorate. — Firm conditions prevail, and selling remains restricted.

Soda Cyanide.—Active demand continues. Prices firm.

Soda Hydrosulphite. — Prices unchanged and firm, with purchases steady.

Soda Nitrite.—Good interest. Prices failed to change.

Soda Phosphate.—Firm price tone, with replacements made steadily.

Soda Silicate.—Broad buying continued to characterize the trading. Prices remain firm.

Soda Silicofluoride.—Market continued short, shipments delayed and booking made to end of year.

Soda Stannate.—Prices unchanged and firm. Business steady.

Soda Sulphide.—A tight situation was still evident, and prices retained their firmness.

Sulphur, Refined.—Good commercial and agricultural inquiry. Prices firm.

Tin Salts.—Prices for various tin derivatives held at previous levels, reflecting the stability in the Straits metal market. Demand fairly steady.

Zinc Chloride.—Business confined to contract accounts as a rule. Prices remain firm.

—Continued on page 30.

F. G. Brickwedde, who recently received the Hildebrand Prize for 1940 from the Chemical Society of Washington, a section of the American Chemical Society, has been awarded the prize of 1940 of the Washington Academy of Science.

Anabasine Discussed As an Insecticide

Anabasine, the nicotine-like alkaloid from *Anabasis aphylla* which has been promoted as an insecticide, is discussed by R. C. Roark, of the Bureau of Entomology and Plant Quarantine, in a pamphlet (E-537) newly issued by the Department of Agriculture. In the collated data the substance is covered chemically, pharmacologically, and as an insecticide, and its occurrence is described. Mr. Roark also presents a list of patents related to anabasine and notes a number of popular articles on the subject, and from the literature he draws the following conclusion:—

Anabasine closely resembles nicotine in its physical, chemical, and insecticidal properties, but there are some important differences. Anabasine is less volatile than nicotine and, as might be expected, is less effective as a fumigant. As a contact insecticide, anabasine is equal to or even superior to nicotine, especially against aphids. Some experimenters have reported that anabasine is five times as toxic as nicotine when sprayed upon the bean aphid (*Aphis rumicis, L.*). As a stomach poison to insects, anabasine appears distinctly inferior to nicotine in tests upon the larvae of the oriental fruitmoth, red-legged grasshopper, Mexican beanbeetle, Japanese beetle, honeybee, and the silkworm. Anabasine appears valueless against the eggs of insects.

It would seem, therefore, that anabasine is a valuable contact insecticide, especially for use against aphids; but that little can be expected from it as a fumigant, an ovicide, or a stomach poison. However, tests of anabasine as an insecticide have been limited, and new uses for it may be found. It seems well worth while to test its suitability for the control of the pea aphid and other insects now combated with nicotine.

The pamphlet contains an index of 163 citations from the literature and another of sixty-eight insects against which anabasine has been tested.

William Procter Memorial To Be Dedicated May 3

The American Pharmaceutical Association sponsors the unveiling and dedication of a memorial for William Procter, jr., "Father of American Pharmacy," May 3, in the American Institute of Pharmacy, 2215 Constitution avenue, Washington.

The ceremonies will start at 1:00 p.m. The speakers will be Charles H. Evans, Ivor Griffiths, James E. Hancock, and Robert L. Swain.

Dethol Plant Sold To Du-Rite Manufacturing

The Du-Rite Chemical Company of Brentwood has taken over the production and sales management of the Dethol Manufacturing Company, insecticide manufacturer. Douglas Lawrence, head of the Du-Rite firm, is president of the new company, Du-Rite Manufacturing Company, Brentwood, Md., with Earl R. Ament, vice-president in charge of sales.

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Heavy Chemicals

—Continued from page 29

Acids

A broad buying movement continued to characterize the trading in mineral acids last week. A further tightening occurred in the position of such acids as glacial acetic, chromic, nitric and oxalic. Sellers were rejecting new business, and delays in making shipments to regular accounts were not uncommon. A brisk demand continued for formic, mixed, phosphoric and sulphuric. Prices underwent no change, but the undertone was firm.

Acetic.—Broader demand continued to tighten market. Prices firm.

Chromic.—New business limited; and shipments steady. Prices unchanged.

Formic.—Business brisk. Prices underwent no change.

Gallic.—Buying narrow. Quotations firm.

Hydrofluoric.—Market position firm, with business moderate.

Lactic.—Inquiries and shipments remain fairly steady. Prices rule firm.

Mixed.—Market position strong, while commitments were good.

Muriatic.—Contract shipments moved well to keep market in satisfactory position.

Nitric.—Brisk inquiry, with sellers limiting new business. Prices hold firm.

Oxalic.—A tight position continued to characterize the market. Prices firm.

Phosphoric.—Steady call. Prices lacked change and tone firm.

Sulphuric.—Market enjoyed a broad demand, and shipments were steady. Prices unchanged and firm.

Baltimore, April 23.—The market for sulphuric acid is just about holding its own nominally, with the quotations unchanged, though business volume has undoubtedly undergone a considerable expansion, with indications that the gain will continue. Producers say they are behind the government in their decision to maintain prices, which still stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. Oleum is also steady at $17 per ton nominally despite the greater production outlay. Sulphuric acid and oleum, moreover, are becoming scarce and harder to get in desired quantities.

Insecticides

While a better inquiry was prevalent in the market for agricultural insecticides and fungicides, it was still too early for any large scale consumer buying. The favorable weather may influence movement earlier than a year ago. A normal export inquiry prevailed. There was nothing new to report in the prices, with the tone steady to firm.

Calcium Arsenate.—Prices continue the same, while buying lacked much broadening. February exports 279,500 pounds.

Lead Arsenate.—Withdrawals principally confined to jobbing channels. Prices rule firm. February exports 293,512 pounds.

Paradichlorobenzene.—Business moderately active, and prices steady to firm.

Soda Arsenite.—Nothing new occurred in the prices. Purchases moderate.

B.L. Lemke Moves To 248 West Broadway

B. L. Lemke, manufacturer and dealer in fine and rare chemicals, this city, has moved to 248-250 West Broadway. The new location, consisting of the entire fifth floor, containing about 4,000 square feet, of a modern building, gives the Lemke organization more space than in its old location, permitting increased storage facilities and the establishment of a complete analytical and experimental laboratory. The telephone number of the new office remains as heretofore: WAlker 5-9870-1.

Salt Freights Reduced

The New York Public Service Commission has approved new commodity freight rates of the Lehigh Valley on salt and salt compounds, carload, from Retsof, on Genesee & Wyoming, to Norwood & St. Lawrence stations at Norfolk and Raymondsville, 15c. per hundredweight in bulk and 19c. in packages; Chase Mills and Waddington, 16c. in bulk and 20c. in packages. Reductions. Effective April 28, 1941.

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Dyestuffs, Textile and Leather Chemicals

Demand Steady—Imported Egg Yolk Slightly Higher—Alleppey Turmeric and Plantation Gambier Advance — Good Domestic and Export Demand for Bichromates

Demand for dyestuffs, textile and leather chemicals was fairly steady last week. Consumers made replacements frequently to coincide with higher operating schedules. The tendency was to order as far ahead as possible on items that were becoming difficult to obtain because of shipping difficulties, however, in some cases suitable substitutes were sought. Price movements continued upward, reflecting higher replacement costs. Range of war time prices will be found on page 25 of this issue.

A good demand prevailed for bichromates, with supplies adequate to cope with domestic requirements. A fair sized export inquiry continued. Sellers were under less pressure than earlier in the year. Raw material supplies were sufficient to keep production at an even keel.

A better than normal business was experienced for most tanning materials. Activity in the leather trade brought about steady buying of most extracts including chestnut bark, cutch, hemlock, oakbark, quebracho and spruce. Shipping difficulties have retarded deliveries of some raw tanning products, principally, gambier, myrobalans, sumac and valonia.

Chemicals

Alumina Acetate.—Market firm, with transactions routine.

Alumina Chloride.—Steady interest. Prices continued firm.

Ammonia Acetate.—Moderate quantities made up the call. Prices unchanged.

Ammonia Bichromate.—Steady to firm price tone. Business narrow.

Antimony Salts.—Little feature to the market. Prices lack change.

Chrome Acetate.—Usual consumers made satisfactory replacements to keep market firm.

Potash Bichromate.—Market position firm. Buying steady against contract. February exports 547,808 pounds.

Potash Prussiate.—Yellow moved moderately, and prices were the same. Supplies of Red negligible.

Soda Bichromate.—A good volume of business passed, while inquiries for export held up well. Prices rule firm.

Soda Prussiate.—Prices unchanged and tone firm. Buying routine.

Sulphonated Oils.—Consumers showed steady interest as price tendency was upward because of rising raw material costs.

Zinc Dust.—Business continued limited to usual channels. Prices firm.

Dyestuffs

Annatto.—Small lots continued to make up the call. Prices failed to change.

Cochineal.—Interest narrow. Prices held at previous levels.

Fustic.—Steady to firm price tone. Buying fairly steady.

Hypernic.—Nothing new occurred in the prices. Business moderate.

Indigo.—Buying was light, however, market retained its firmness.

Logwood.—Shipments moved fairly steady, while prices were firm. February exports of extract 80,209 pounds.

Madder Dutch.—Market quiet. No change disclosed in the prices.

Turmeric.—New arrivals of Alleppey offered at 8½c. per pound; no change in Madras. Spot stocks small.

Sizing Materials

Albumen, Blood.—Steady demand. Prices displayed firmness.

Albumen, Egg.—Good inquiry. Domestic prices held at previously established levels.

Corn, Sugar. — Bookings steady. Prices held at same levels.

Price Changes

Advanced

Egg yolk, imported, 1c. per lb.
Gambier, plantation, ½c. per lb.
Turmeric, Alleppey, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
172.4	172.4	160.9	143.4

Market news that may have developed after this report was sent to press will be found on page 4.

Dextrin, Corn.—Steady to firm price tone. Shipments good.

Dextrin, Potato.—Withdrawals irregular. Prices without change.

Egg Yolk. — Imported ranged 1c. higher from 66c. to 68c. per pound. Domestic unchanged and firm. Business steady.

Sago Flour.—Market firm. Inquiries held at favorable levels.

Starch, Corn.—Demand good. Pricewise a firm tone prevailed. Visible supplies of corn in week ended April 19 decreased 1,203,000 bushels.

Starch, Potato. — Quotations underwent no change. Shipments steady.

Starch, Rice.—The call was moderate, and prices held unchanged.

Starch, Wheat.—No change in the price, and bookings well sustained.

Tapioca Flour.—Prices firm, with replacement costs uncertain. Active inquiry.

Tanning Materials

Chestnut Bark.—Shipments steady. Prices remain firm.

Cutch.—Transactions routine. Quotations unchanged and firm.

Divi Divi.—Nothing new occurred in the prices. Good inquiry.

Gambier.—Plantation advanced ½c., ranging from 11c. to 11½c. per pound. Spot stocks small, and future replacements uncertain.

Hematine.—Demand routine. Prices held at previous levels.

Hemlock.—Business moved fairly steady, and prices firm.

Mangrove Bark.—Price held firm, while inquiries were moderate.

Myrobalans. — Offerings from primary markets retarded by shipping difficulties, and market was entirely nominal.

Nutgalls.—Market in firm position. Inquiries light.

Oakbark.—Steady demand. Pricewise a firm tone predominated.

Osage Orange.—Nothing new occurred in the prices. Business moderate.

Quebracho.—Inquiries brisk. Prices unchanged and firm.

Quercitron.—Usual consumers made steady replacements. Prices unchanged.

Spruce.—Interest steady. Quotations lacked change.

Wattle Bark.—Prices unchanged and firm. Moderate inquiry.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Tanners' Council, May 8-9, White Sulphur Springs, W. Va.
American Ass'n Textile Chemists and Colorists, Oct. 31-Nov. 1, Pinehurst, N. C.

Climax Molybdenum Offers Anhydrous Sodium Molybdate

Climax Molybdenum Company, this city, has started commercial production of anhydrous sodium molybdate. The company reports that its new method makes it possible to offer the product with the following advantages:—

Regardless of quantity, the price is 47c. per pound, f.o.b. Langeloth, Pa. Terms, net cash thirty days. Normal package for this product contains 150 pounds net. The anhydrous product dissolves rapidly. Chemically pure, maximum impurities 0.10 percent. Product will usually contain not more than 0.5 percent.

Tanners to Discuss Defense Program Scope

—Continued from page 4

Program," by a member of Office of Production Management and "Price Stabilization" with particular reference to the possible relation of the new Office of Price Administration and Civilian Supply to hides, skins and leather. "Priorities" will be discussed not only to instance the general operation of the plan but also its application to leather. Another subject of vital interest to tanners will be "Shipping," in which facts and potentialities on the movement of raw materials to the United States will be appraised. Group meetings will follow these discussions Friday morning.

Carbon tetrachloride hazards in industrial operations involving its use are discussed in a timely paper reprinted from the *Journal of Industrial Hygiene and Toxicology* in the April number of *Chemical Safety* published by the Chemical Section of the National Safety Council, 20 North Wacker drive, Chicago.

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Coaltar Chemicals

Phthalic Anhydride in Short Supply With Shipments Delayed —Phenol Position Tight—Imported Cresylic Acid Higher —Bituminous Coal Stoppage Retarding Steel Operations

Demand continued at a steady pace in the market for coaltar chemicals last week. Shortages occurred in a few items, while the position of many chemicals was tight. New business was rejected in tar acids and a large number of intermediates. Most producers have withdrawn from the export market, and scattered offerings were consummated at higher levels. Steel operations were lower because of the soft coal stoppage, with reserve supplies of coke at steel mills dwindling. Presidential intervention was expected to bring about a speedy resumption of operations.

Heavy demand for phthalic anhydride caused a shortage. Some producers were solidly booked for the balance of the year, refusing to take on any additional business. Shipments ran anywhere from thirty to ninety days behind. Phenol was in a tight position, however, domestic business was taken care of. Most factors have withdrawn from the export market. A strike in one producing plant was not expected to seriously interrupt shipments. Cresylic acid was in good demand. Prices for imported jumped sharply, offerings were limited and future deliveries highly uncertain. Range of war time prices will be found on page 25 of this issue.

Price Changes

Advanced

Imported cresylic acid, 12c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.6	126.6	126.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A steady to firm price tone remained in evidence, and shipments steady.

Carbazole.—Prices held firm, while transactions were routine.

Coaltar. — Movement of crude and refined was moderately active. Prices unchanged.

Creosote Oil. — Market retained its firm position. Major consumers made satisfactory replacements against contracts.

Cresols.—Sellers well booked ahead, and shipments moved steadily against contracts. Prices unchanged and firm.

Cresylic Acid.—Domestic acids firm, with position of market tight. Offerings of imported ranged from 85c. to 90c. with little available, and future supplies uncertain.

Naphthalene.—Shipments moved direct from producing channels, and market was firm. Imports negligible.

Oil, Shingle Stain.—Business lacked broadening, while prices held the same.

Phenol.—Demand active, and sellers concentrating on regular business. Small offerings for export range from 15c. to 18c. per pound, in outside market.

Pitch, Coaltar. — A routine interest prevailed. Prices lacked change.

Pyridin.—Steady buying from regular channels. Quotations firm.

Tar Acid Oils.—Prices remain unchanged, and business was moderate.

Toluol.—Active interest. Prices underwent no change, and tone was firm.

Xylol.—A steady demand absorbed most offerings, and market displayed firmness.

Chicago Coaltar Bases

Demand is good for most grades of coaltar bases. Inquiry has picked up in some sources. Ruluing prices exclusive of tax are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, 8½c. to 9c., nearby refineries; toluol, 27c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; cresote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Demand routine. Prices steady to firm.

Benzoic.—Steady inquiry. Prices lacked change and tone firm.

Broenner's. — Buying moderate. Prices underwent no alteration.

Cleve's.—Usual consumers made a steady appearance to keep market firm.

Fumaric.—Good demand. Quotations held firm.

Gamma.—Prices firm, and shipments routine.

H.—Transactions confined to regular channels. Prices rule unchanged.

Laurent's. — Trading without any new feature, and prices held the same.

Lauric.—Buying spotty. Prices without change.

Maleic.—A brisk demand was evident, and market position continued firm.

Malic. — Takings moderate, while prices held at previous levels.

Picramic.—Purchases fairly steady. No change disclosed in the prices.

Picric.—Active inquiry. Pricewise a firm tone prevailed.

Salicylic.—Movement of technical was steady, and prices the same.

Succinic.—Buying moderate active. Prices held firm.

Tobias.—Shipments steady. Quotations unchanged and firm.

Other Intermediates

Alphanaphthol.—Shipments steady. Prices rule firm.

Alphanapthylamine. — Steady demand. A firm tone predominated.

Anilin.—Shipments good. Prices unchanged and firm.

Anthraquinone. — Business moderately active, with tone steady to firm.

Benzaldehyde. — Demand for technical was well sustained. Prices lacked change.

Benzidin Base.—A routine interest continued, and prices were the same.

Betanaphthol. — Purchases steady, and position of market firm.

Betanaphthylamine. — Business moderate. Nothing new occurred in the prices.

Diethylanilin. — Withdrawals from regular consumers held steady.

Dinitrobenzene. — Buying failed to slacken, and market retained its firmness.

Dinitrochlorobenzene. — The call was steady. Pricewise no change occurred.

Dinitronaphthalene. — Shipments steady, while prices continued firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Syn. Organic Chem. Mfrs. Ass'n, June 4, Skytop, Pa.
Insecticide, Disinfectant Mfrs., June 9-10, Chicago.

Dinitrophenol. — Moderate inquiry. No change disclosed in the prices.

Dinitrotoluene. — Steady interest. Quotations without change.

Diphenyl. — Takings continued irregular, and prices failed to change.

G. Salt.—Market a routine affair. No change in the quotations.

Metanitroparatoluidin. — Buying remained on a conservative scale. Prices firm.

Metaphenylenediamine.—New business light. Prices unchanged.

Nitrobenzene. — Steady interest, while market position was firm.

Nitronapthalene. — Buying good. Prices without change and tone firm.

Orthoanisidin. — Withdrawals moderately active. Quotations unaltered.

Orthochloranilin.—Shipments moved well against contracts. No change in the prices.

Orthochlorophenol. — Moderate call. No new developments in the prices.

Orthocresol.—Active demand. Price-wise a firm tone prevailed.

Orthodichlorobenzene. — Steady movement to consuming channels. Prices firm.

Orthonitroanilin.—A firm price tone remained in evidence, with dealings steady.

Orthonitrotoluene. — Prices underwent no alteration, while inquiries held steady.

Orthophenetidin.—Routine interest. Prices lacked any alteration.

Orthotoluidin. — Purchases moderately active. Prices rule firm.

Parachlorophenol. — Buying moderate. No change occurred in the prices.

Paranisidin.—Usual consumers made fair-size replacements to keep market in favorable position.

Paranitroanilin.—Shipments steady. Prices firm.

Paranitrochlorobenzene. — Spot and contract business steady. No change in the prices.

Paranitrophenol.—Buying moderate. Nothing new developed in the prices.

Paranitrotoluene.—A firm tone characterized the trading. Business steady.

—Continued on page 36

Obituaries

Prof. C. B. Jordan

Dr. Charles B. Jordan, dean of the School of Pharmacy of Purdue University, died April 22 in a hospital in Chicago from a heart affliction which came upon him in Chicago a week earlier. He was sixty-two years old.

Dr. Jordan was a native of Morrice, Mich., and a graduate of the Michigan State Normal College and the University of Michigan. He had honorary doctorates from Ohio Northern University and Rutgers University. He had been connected with the Purdue pharmacal school since 1910. His active furtherance of higher educational requirements in pharmacy had made him a nationally known figure. He was president of the American Association of Colleges of Pharmacy in 1918-19, and a prominent figure in its affairs and those of the National Drug Trade Conference, also in U.S.P. and N.F. work.

Dr. Jordan was a member of the Roman Catholic Church. He belonged to a number of pharmacal, chemical, and other scientific societies. His survivors are his wife and four children, Mrs. Michael Tricks, Miss Mildred Jordan, Lieut. Robert Jordan, and Charles Jordan.

Albert M. Smoot

Albert M. Smoot, vice-president and technical director of Ledoux & Co., Inc., metals and chemicals, this city, died April 19 at his home here. Mr. Smoot was with the Ledoux company for fifty-six years and had been vice-president for twenty years. He was the inventor of several chemical processes.

C. Edgar Wilson

C. Edgar Wilson, founder and former head of the Wilson Paint Company, Cincinnati, and his wife, Mrs. Jessie Shepard Wilson, died of heart attacks April 22 in their Norwood, Ohio, home. There deaths were less than one hour apart. Mr. Wilson was seventy-four years of age.

Mr. Wilson founded the paint company bearing his name in 1913. He served as president from that time until he retired five years ago. Since his retirement he has been honorary president. He was also a former president of the Cincinnati Paint, Varnish and Lacquer Association.

Mrs. Ed. B. Ayres, jr., wife of Ed B. Ayres, jr., of the Ed. B. Ayres Drug Company, Hillsboro, Ohio, was injured fatally in an automobile accident eight miles north of Lexington, Ky., April 11. She was forty-eight years of age. Surviving, in addition to her husband, is a daughter, who was also injured in the accident.

Dwight Brainerd, former president of the Hamilton Powder Company, Montreal, died there April 20 after a short illness. He was seventy-five years of age.

Mrs. Maria Bloummaert Cross, wife of John M. Cross, of the Continental Can Company, this city, died in Poundridge, N. Y., April 22. She was forty-two years of age.

Harry Heasley, chairman of the executive committee of the Devonian Oil Company, Emlenton, Pa., died there April 19. He was seventy-seven years of age.

W. E. Hopkins, president of Standard Drug Company, Meridian, Ala., died April 16. He was sixty-three years old.

Arthur Leask, for forty-three years with the credit department of the Barrett Company, manufacturers of coaltars and other chemicals, this city, died April 18 at Plainfield, N. J. He was sixty-eight years old.

Fred E. Norton, who as a dollar-a-year man in the last World War designed equipment for producing helium in large quantities, died April 19 of a heart attack at Youngstown, Ohio. He was seventy-one years of age.

Eugene S. Osborne, president of the Degolyer Varnish Works and former superintendent of the Troy Water Works, died in Troy, N. Y., April 22.

Mrs. Emaroy June Smith, mother of Kenneth G. Smith, president of the Pepsodent Company, died April 23 in Chicago. She was the widow of Douglas Smith, former head of the Pepsodent Company.

Mrs. Adelheid Welcke, mother of William A. R. Welcke, vice-president and treasurer of Fritzsche Brothers, Inc., died April 15 in her home in Mt. Vernon, N. Y. She was in her ninety-third year. Mrs. Welcke was the daughter of John Trageser, owner of the John Trageser Steam Works, a company that manufactured all the copper apparatus, stills, and equipment for the first factory erected by Fritzsche Brothers in Hoboken, N. J.

Cleve. Technicians Hear Talk by Anthony Skett

The April meeting of the Cleveland Paint and Varnish Production Club, with thirty-five members present, was addressed by Anthony Skett, director of research for the American Gum Importers Association, who told about his recent work on traffic paints, primers for metal surfaces, leafing of aluminum paints, and flat lacquers and varnishes. His principal topic was the formulation of traffic paints of both the spirit and cooked types. Summing up his discussion he said that Batu gum in conjunction with dehydrated castor, fish or chinawood oil, and pigmented with titanium barium or titanium magnesium silicate showed up the best.

Soda ash, liquid caustic soda, soda bicarbonate and calcium carbonate production in Mexico city is being planned by Compania Industrial Los Reyes, S. A.

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American Dye Industry History Told in Calco Book

In conjunction with the celebration of its twenty-fifth anniversary, Calco chemical division of the American Cyanamid Company, has prepared "Dyes Made in America," a study of the development of the American dyestuff industry. The study commences with the critical shortage of chemicals facing this country in 1915. The British blockade created a famine in dyes, bulk chemicals, and pharmaceuticals.

"Dyes Made in America" describes they succeeded in making aniline oil, they succeeded to make aniline oil, betanaphthol and finally such dyes as methylene blue, crimson and tartrazine.

How completely the German Cartel had succeeded in dominating the chemical industry is described in the book. The volume describes the work of the late Francis P. Garvan, World War Alien Property Custodian, in helping to break this German throttlehold and in guiding the post-war growth of America's new chemical industry.

The book is illustrated with a number of half-tones of industrial production and also a series of natural color photographs showing the application of American-made dyes. These photographs, hand mounted for artistic effect, show a wide assortment of textile fabrics including woolens, cottons and rayons.

Koppers Issues Creosote And Tar Solutions Folders

The physical and chemical properties of Koppers creosote and Koppers creosote-coaltar solutions are subject of technical folders just published by tar and chemical division of the Koppers Company, Pittsburgh. The "Koppers Creosote" folder discusses the use of this product which is especially produced for the pressure treatment of wood to protect it against termites, marine borers, mold and fungi. The Bethell full-cell and the Lowry and Rueping empty-cell processes of pressure treatment with creosote also are described. The "Koppers Creosote-Coaltar Solutions" folder also describes the use of these solutions for pressure treatment of wood by the same methods employed in the use of creosote. Copies of these folders are available at the office of the company by mentioning the REPORTER.

Patents Hearing Gets M.C.A. Views

—Continued from page 5

eral principles of equity jurisprudence, and no Federal court would grant an injunction to restrain infringement of a patent if such restraint interfered with the national defense program. Mr. Watson added:—

If, despite the apparently adequate provisions of existing law and in the absence of any specific request from defense officials for enactment of such legislation, the committee should still feel that some legislation is necessary to protect against any possibility that infringement of patent rights might at some time in the future interfere with the defense effort, such legislation should be strictly limited to cases involving defense production and no right or remedy of the patentee should be taken away unless it interferes with national defense.

S. E. Darby, jr., New York patent attorney, told the committee that it is inconceivable that enactment of the measure into law would in any way undermine the present patent laws. He pointed out that only a very small segment of the articles covered by patents are war materials, and that only war materials would be affected.

C. P. Edwards, also from New York, testified in favor of the bill. He predicted that if the measure becomes law during the emergency, that by the time we return to normal times both the patentees and the government, having become accustomed to the law, would desire to make it a permanent act.

Amer. Smelting to Build Zinc Refinery in Texas

The American Smelting & Refining Company, this city, will build an electrolyic zinc refinery at Corpus Christi, Tex., it was revealed last week. The plant, with a monthly capacity of 2,000 tons of refined metal, will cost approximately $5,000,000 and will require about a year to build.

Coaltar Chemicals

Other Intermediates

—Continued from page 35

Paraphenylenediamine. — Trading narrow. Prices unchanged and firm.

Paratoluidin.—Quotations unchanged and firm. Interest steady.

Phthalic Anhydride. — Demand active, and sellers well sold against contracts. Prices unchanged and firm.

R. Salt.—Transactions routine. No change in the prices.

Schaeffer's Salt. — A moderate demand continued, and prices were the same.

Soda Picramate. — Usual consumers made necessary replacements as a rule.

Thiocarbanilide. — Demand steady. Pricewise a firm tone predominated.

Toluidin.—Sellings usually confined to regular channels. Prices unchanged and firm.

Xylidin.—Prices lacked change and tone was firm. Business steady.

Coaltar Colors

A steady demand continued in the market for coaltar chemicals last week. Producers were able to take care of all inquiries, both for domestic and export account. Volume made a favorable comparison with the like period a year ago. Nothing new occurred in the prices, and tone was steady to firm.

The United States dominated the dye market of Peru during 1940, which position in former years was held by Germany. This country supplied about 75 percent of the business, while the remainder went to German, French and Swiss firms. It is reported that the local agents of European dye manufacturers only had stocks of certain dyes and not a complete assortment on hand at the end of 1940.

Jack B. Siege, who for more than seven years was secretary of the Crowley Tar Products Company, this city, has joined this organization as general manager.

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Largest manufacturers in the World of low temperature tar acids of the highest possible degree of purity and efficiency.

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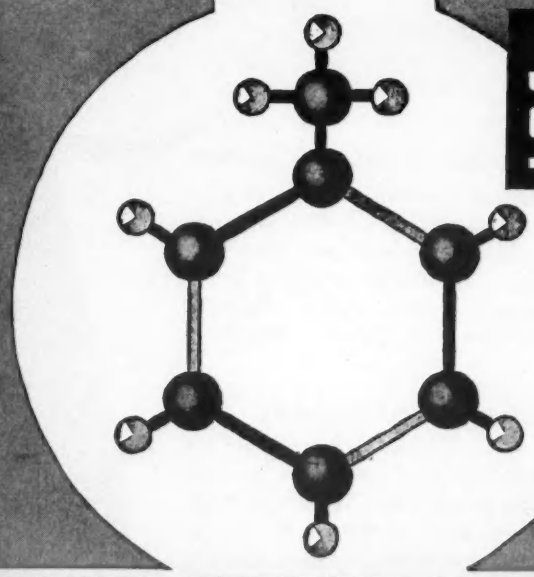

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Paint, Varnish, Lacquer Materials

White Lead in Oil Fractionally Higher — Lead Pigments Strong — General Raw Materials Market Firm — Prices on Stearates Unchanged—Rosin and Turpentine Easier

The price of white lead-in-oil was advanced fractionally last week, a reflection of the recent upward trend of pig lead prices. Although no other changes were made it is not unlikely that further advances will be made in other lead pigments.

The market for raw paint materials was stable during the week. There was a let-up from the ordering of the several previous weeks, but sales volume during the period under review was still more than satisfactory and was still running far ahead of last year. Pigments and dry colors remained in good call. Varnish gum imports were more restricted by lack of freight space but ample stocks in this country prevented any unsteadiness in the market.

A further advance in stearic acid failed to affect stearate prices. Producers were restricting business and any sales on the spot market were above listed quotations. Casein was steady and unchanged with demand less active. Glues remained scarce and strong. Rosin and turpentine displayed firmness early in the week but an easier tone developed later on, the tendency of the prices being downward. Trade was less active although the movement into consuming channels still appeared to be rather liberal. Receipts and offerings were somewhat larger.

The Federal specification for shellac varnish has been amended (TT-V-91a) applicable to War Department purchases only. Copies of the amended specification may be procured at 5 cents each from the Superintendent of Documents, Government Printing Office, Washington.

The wartime effect on prices for paint materials will be found on page 25.

Price Changes

Advanced

Lead, white, in oil, ½c. per lb.

Reduced

Rosin, gum, 7c. to 19c. per 100 lbs.
Turpentine, gum, 1½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.0	128.0	128.0	126.2

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

There was no change in the market status of pig lead during the period under review. Shipments to consumers were at previous levels and price was steady and unchanged. Stocks of refined lead in the United States at the end of March amounted to 45,996 tons, compared with 46,603 at the end of February, according to the American Bureau of Metal Statistics. Domestic mine production last month was 46,748 tons, against 47,764 in February, while shipments were 62,090 tons, against 54,859. Secondary production and lead from foreign sources rose to 14,755 tons from 6,467 in February. Sales of slab zinc were still allocated and the price was firm.

Lead.—Prevailing spot prices at New York, St. Louis and London for the period from April 19 to April 25, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0585@.0590	$0.0570	..* .. ..
Monday	.0585@.0590	.0570	.. .. ..
Tuesday	.0585@.0590	.0570	.. .. ..
Wedn'sd'y	.0585@.0590	.0570	.. .. ..
Thursday	.0580@.0590	.0570	.. .. ..
Friday	.0585@.0590	.0570	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from April 19 to April 25, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0765	$0.0725	..* .. ..
Monday	.0675	.0725	.. .. ..
Tuesday	.0765	.0725	.. .. ..
Wednesday	.0765	.0725	.. .. ..
Thursday	.0765	.0725	.. .. ..
Friday	.0765	.0725	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Slight slackening in interest noted. Supplies still tight. Price firm.

Flake White.—Fairly active call for supplies. Inquiries satisfactory. Price unchanged.

Litharge. — Better than normal movement. Price steady. February exports from the United States totaled 538,367 pounds, valued at $27,657.

Lithopone.—Ordering was more conservative during the week. Demand was well maintained but for smaller lots only. New business was less insistent. Price was firm and unchanged.

Metronite Pigment. — Satisfactory movement. Price firm.

Orange Mineral. — Producers reported a continued good call for deliveries. Inquiries were off. Price was firm.

Red Lead.—Good demand for spot movement. Price reflected steadiness of metal. February exports from the United States totaled 306,270 pounds, valued at $21,209.

Titanium Pigments. — The market continued to grow less active but trade was still running far ahead of last year. Inquiries were fewer. Prices were steady. February exports of titanium dioxide and pigments totaled 1,123,791 pounds, valued at $98,121.

White Lead.—The price of white lead-in-oil was advanced ½c. last week to 11¼c. per pound for dealers; 13¼c. for consumers, and 12¼c. for painters. Quotations are for 100-pound kegs. Demand was good. February exports of white lead-in-oil were 260,085 pounds, valued at $20,531. Dry white lead in heavy call. Price was steady.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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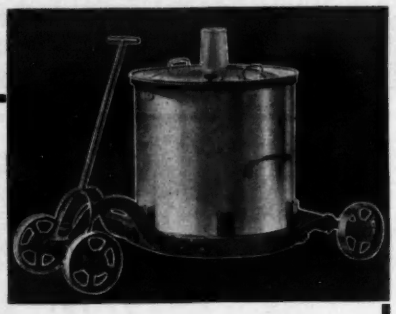

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February exports of the latter totaled 130,787 pounds, valued at $8,485.

Zinc Oxides.—Movement of various grades remained strong during the week and there was only a slight let-up in orders reported. New business was fair. Prices were firm and unchanged.

Driers

Further advance in the price of stearic acid failed to be reflected in the market for various stearate driers last week. Prominent producers maintained previous quotations for sale to steady customers. New business was not encouraged but any transactions on the spot market would probably be made at 2c. to 3c. per pound higher than list figures. Other driers were moving in good volume at steady and unchanged prices.

Fillers and Extenders

Asbestos.—Normal movement. New business fair. Deliveries routine. Price firm and unchanged.

Asphaltum.—Satisfactory trade was reported during the week. Prices were steady.

Barytes.—Producers were noting a satisfactory volume of orders during the period. Shipments were regular and in fair-sized lots. Prices were firm and unrevised.

Bentonite.—Normal demand. Price firm.

Blanc Fixe.—Demand more moderate. Price steady.

China Clay. — Movement normal. Quotations unaltered.

Charcoal.—Good call noted. Prices firm.

Diatomaceous Earth.—Consumers ordering small lots at regular intervals. Prices on all types steady and unrevised.

Fullers Earth.—Demand fair. Price firm.

Graphite. — Seasonal movement reported. No prices revised.

Gypsum.—Demand satisfactory. Price firm.

Marble Flour. — Routine movement. No changes in price.

Mica.—Little of new interest. Market well maintained. Prices steady.

Rottenstone. — Normal call. Deliveries regular. Price steady.

Talc. — Market buoyed by normal trade. No prices changed.

Tripoli.—Movement fair. Price firm.

Whiting. — Demand steady. Price firm.

Naval Stores

A reactionary tendency developed in rosin and turpentine last week, the trend of prices in the South being downward. Turpentine sold on Wednesday at 35½c. per gallon, Savannah basis, as compared with 38c. at the close of the previous week. All grades of rosin were available at concessions, not excepting the pale descriptions of which supplies are reported to have been light for some time past. Trade showed some falling off, consumers and dealers being disposed to curtail purchases for a time and await further developments, especially as the tendency of the markets for securities and some other speculative commodities of importance was downward at times during the week.

The government remained in the market as a seller of both turpentine and rosin. In the case of the former product supplies among government and private sources are light but the indications seemed to point to some increase in production in the not distant future with a corresponding expansion in the movement to marketing centers partly as a result of the recent sharp advance in prices. Also weather conditions over some parts of the South were much more favorable for production, temperatures being considerably higher with the precipitation generally light. Receipts were somewhat larger and a further increase in the movement of both turpentine and rosin from the interior was predicted by some shortly.

Reports continued to be heard of a shortage of suitable labor in parts of the South but on the whole the prospects for production during the coming season were regarded by some in the trade as more favorable than recently as well as at this time last year. It was pointed out in this connection, too, that prices now prevailing are

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much more remunerative to producers than they were a year ago and that this may have a tendency to bring about increased activity in production operations.

Turpentine.—Business in the local market for turpentine was quieter last week. In some quarters a fair inquiry was noted for small or moderate lots for prompt shipment, but the movement of such quantities in the aggregate was apparently lighter than in the previous period. The tendency of prices was downward at times in company with the course of quotations in the South where offerings, though not heavy, showed some increase. Primary receipts were somewhat larger as a result of better weather conditions in the South for production and marketing.

SAVANNAH, April 25.—Following is a record of the turpentine market for the week:—

	Gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
Saturday*	...	...	...	...	...
Monday	37	15,100	156	264	5,164
Tuesday	36½	7,500	327	48	5,443
Wednesday	35½	14,350	354	...	5,797
Thursday	36	5,750	197	157	5,837
Friday	36½	8,750	208	319	5,726

* No trading.

JACKSONVILLE, April 23.—Turpentine stock, 8,994 barrels.

PENSACOLA, April 19.—Turpentine stock, 9,849 barrels.

Chicago—Apr. 25

Turpentine is reported in fairly good call, in both wholesale and retail trade. Market tone appears stable. Ruling prices at the close of business last night were:—Five-drum lots, 46c. per gallon; five wood barrels, 51c.; single drums, 49c.; single barrels, 54c.

Rosin.—Quieter conditions prevailed last week in the local market for rosin, a reactionary tendency in prices making consumers and dealers disposed in some cases to curtail purchases for a time and await further developments in the South where receipts and offerings were somewhat larger than recently. Weather conditions over the South were more favorable for operations in the woods, rainfall being light and temperatures higher. Reports concerning consumption in various industries continued favorable.

F.P.V.P.C. Service Men to Be Listed

George B. Heckel, jr., assistant secretary of the Federation of Paint and Varnish Production Clubs, has announced that the names of federation men called to military service will be published in the *Official Digest*. He requests that members submit such names to their local club secretary, or to him at 901 Cunard building, 220 South Sixteenth street, Philadelphia, Pa.

SAVANNAH, April 25.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted—*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$1.59	$1.52	$1.51	$1.51	$1.52
D	...	1.89	1.70	1.69	1.69	1.70
E	...	1.89	1.80	1.80	1.75	1.76
F	...	1.92	1.88	1.80	1.76	1.77
G	...	1.92	1.87	1.82	1.78	1.78
H	...	1.92	1.87	1.82	1.79	1.79
I	...	1.92	1.87	1.82	1.79	1.79
K	...	1.92	1.88	1.83	1.81	1.81
M	...	1.95	1.90	1.85	1.84	1.84
N	...	2.04	2.00	1.98	1.96	1.96
WG	...	2.51	2.50	2.45	2.40	2.40
WW	...	2.76	2.76	2.70	2.68	2.68
X	...	2.76	2.76	2.70	2.68	2.68
	Barrels—					
Sales	...	193	446	797	340	170
Receipts	...	508	1,141	876	480	706
Shipments	...	331	716	257	185	1,136
Stocks	...	...	...	...	...	147,692

* No trading.

JACKSONVILLE, April 23. — Rosin stock, 316,084 barrels.

PENSACOLA, April 19.—Rosin stock, 43,928 barrels.

Chicago—Apr. 25

The rosin market is quiet, with business routine. Orders have been confined recently to the more urgent needs of buyers. Tone is steady. Ruling prices at the close of business last night in five-drum lots were:—B grade, $2.90 per 100 pounds net; G grade, $3.16; M grade, $3.25; W.W. grade, $4.09.

Other Naval Stores

Pine Oil.—Quotations maintained. Tone firm. Trade fairly active.

Pitch.—Local supplies apparently light or moderate. Fair demand. Market firm.

Rosin Oil.—Prices generally held at previous levels. Fair request for moderate lots.

Tar.—Quotations unchanged. Steady movement on contracts and transient orders.

Dry Colors

Alkali Blue Toner.—Buyers active. Offerings and demand at previous levels. Price steady.

Bone Blacks.—Satisfactory call reported. New business normal. Prices firm and unchanged.

Carbon Blacks.—Heavy ordering against contracts. New business larger. Shipments regular. Prices firm and unchanged. February exports from the United States were 9,092,813 pounds, valued at $384,618.

Chrome Colors.—Good call. Prices firm and unchanged.

Fire Red Toner.—Movement satis-

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factory. New business small. Price firm.

Iron Oxides.—Heavy demand for most grades continued unabated. Producers and importers reported sales running ahead of last year. Prices firm and unchanged.

Lamp Blacks.—Better than normal call. Shipments regular and in large volume. February exports from the United States totaled 60,062 pounds, valued at $4,412.

Mercuric Oxides.—Ordering was normal during the week. Sales volume was satisfactory. Prices were steady and unrevised.

Ochers.—Shipments held to a good level during the period. Demand continued to run ahead of last year. Inquiries were fair. Prices firm and unchanged.

Umbers.—Buyers continued to show interest in offerings, and sales volume during the week was well maintained. Shipments were steady and in good volume. Prices were firm and unchanged.

Vermilion.—Demand less insistent than in previous week. Sales volume fair. Price firm.

Lacquer Materials

A good interest was still in evidence for various lacquer materials and solvents last week. Withdrawals were made in good size quantities against contracts. A number of materials were in a tight position, and sellers continued to limit amount of new business in order to take care of regular consuming trade. No adjustments took place in the prices and indications were that current schedules will remain in effect for the duration of the quarter.

There were 393,737 pounds of acetone shipped from Puerto Rico to the United States during the last half of 1940. Total Puerto Rican production for the same period of acetone was 453,653 pounds, while stocks on hand at the end of December amounted to 60,227 pounds. In January, 1941, this country received from Puerto Rico 59,760 pounds of acetone.

Acetone.—Steady demand. Market tight and selling limited. Prices unchanged and tone firm.

Alcohol Butyl.—Shipments moderately active against contracts. Prices displayed firmness.

Butyl Acetate.—Buying well sustained. No change occurred in the prices.

Butyl Propionate.—Dealings routine. Prices rule firm.

Cellulose Acetate.—Demand moderate and steady. No change disclosed in the prices.

Dibutyl Phthalate.—Inquiries good, with shipments steady. Prices underwent no change.

Diamyl Phthalate.—Market position firm and selling restricted.

Dichlorethyl Ether.—Interest remains brisk, while quotations held firm.

Diethyl Phthalate.—Withdrawals were sufficient to keep market in a strong position.

Ethyl Acetate.—Steady movement against contracts. Prices unchanged and firm.

Ethyleneglycol.—Buying good. Prices remain firm.

Film Scrap.—Prices failed to change and tone was steady to firm. Demand held at satisfactory levels.

Isopropyl Acetate.—Steady movement. Market in tight position. Prices firm.

Methyl Acetate.—Firmness characterized the trading and shipments fairly active.

Methylethyl Ketone.—Sellers usually limited offerings to regular channels. Pricewise a firm tone prevailed.

Triceresyl Phosphate.—A good volume of business passed and prices were well maintained.

Triphenyl Phosphate.—No change disclosed in the prices. Buying steady.

Shellac

Primary and spot market shellac prices continued firm to strong throughout the past week. The situation in Calcutta showed clearly the ability of shippers to maintain full values. That on spot tied in closely with the inavailability of normal steamer space on ships making the Calcutta-New York passage. Uncertainty regarding future arrivals tended to make local dealers conservative and reserved in their offerings. Demand was very good and goods sold in a market clear of most competition.

Varnish Gums

Importers of natural resins continued to report the market in a stable position during the week. Freight space from the Far East remained a problem and imports were more and more restricted. Supplies in the country were still ample, however, and no pinch was felt as yet. No changes were made in listed quotations.

Synthetic Resins

Various grades of synthetic resins were in good call during the past week. Sales volume, in general, was well maintained at previous levels. Movement of ester gum remained satisfactory, with inquiries showing some improvement. All prices remained steady and unrevised.

Glues and Binders

Casein.—Demand for domestic and Argentine casein was less brisk during the period, a natural aftermath of the heavy buying in several previous weeks. The imported product is somewhat scarce, although it is doubtful that any prospective buyers were unable to obtain supplies. No changes were reported in prices.

Glues.—The situation in hide and bone glues remained unchanged. There was an extreme scarcity and prices were purely nominal. Demand was heavy and far exceeded available supply.

Paint Styling Council Setup Reorganized

—Continued from page 4

ings. The council will now consist of M. Rea Paul, of the National Lead Company, who has been chairman of the technical and fact-finding committee; Ivor Kenway, advertising manager for the Devoe & Raynolds Company; H. Ledyard Towle, director of advertising and of the studio of creative design of the Pittsburgh Plate Glass Company; J. Frank Jones, painting and decorating contractor of Richmond, Va., and Burr Price, managing editor of *National Painters Magazine*. Another member is to be appointed to represent the water paint field and it is hoped also to have an official representative of the American Institute of Architects.

Four meetings a year will be held by the council immediately preceding the quarterly sessions of the national trade sales steering committee, dates for which will be announced later by Thurlow J. Campbell, chairman.

Schroeder Forms Company

Lee Schroeder Paint Company, 207 West Washington street, Chicago, has been formed with an authorized capital of $50,000. Mr. Schroeder resigned from the George E. Watson Company, Chicago, early this year, with which organization he had been affiliated for twenty-five years.

Empire Paint Company, Albany, has filed a certificate of voluntary dissolution in the office of the Secretary of New York State.

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160 FRONT ST., NEW YORK

Domestic Tung Oil Progress Reviewed

—*Continued from page 3*

with Japan in control of many of the great ports of China, with the possibility of war in the Pacific—all these conditions indicate a crying need for a dependable domestic source of tung oil. But, with the whole nation girding itself to protect its shores and its people, come what may, the need for the best drying oil, tung oil, becomes even more acute.

As tung growers, we will be contributing in some small way to the defense program and to the general welfare if we take the best care of our tung plantings, to the end that they produce maximum crops. We will be contributing to the defense program if we plant additional acreage to tung trees and induce others to plant tung trees, provided these additional plantings are put on good ground, adequately manned, and properly financed. Only under those conditions can present plantings, or future plantings, be made to produce maximum yields.

Many of the men appearing on this program are devoting all their time and energy and talents to this problem of making our tung groves more fruitful and more profitable. I am sure you will hear them with pleasure and profit. There is much yet to learn about tung. I know of no better method of disseminating that which is now known about tung than these meetings of growers.

To all of these government men, we owe a debt of gratitude. They have done and are doing a good job. But there's one man to whom I especially want to pay my respects. Many years ago, he foresaw the need of a domestic source of tung oil; foresaw these very conditions which today make chinawood oil almost unobtainable. It was he who first stirred our imagination to see the vision of an American source of tung oil, free from and unaffected by those influences which have always kept foreign sources disrupted. As chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce, he has perhaps done more than any other one person to foster our American tung industry. That man is Dr. C. C. Concannon. Dr. Concannon, we, are grateful to you for your interest, for your untiring efforts in initiating and encouraging this new branch of Southern agriculture. With your help, with the help of the many others who are giving their time and talents to the development of tung oil, we shall move forward to take our rightful place as a vital cog in the great wheel of American industry. We shall add our small contribution to that of millions of other Americans, that this nation shall ever be a free nation of free men.

Painted Cantonments Held Important

—*Continued from page 4*

to coop up men for a year in World-war-type places that looked like lumber yards. We did it and could do it in the World War because we were under the drive of war enthusiasm and because men stayed in those camps only for a couple of months.

General Marshall's championship of paint as a morale builder recalls the aggressive effort some months ago of officials of the National Paint, Varnish and Lacquer Association and of the Painting and Decorating Contractors of America to get across this point to the war and navy departments. In the rush of specifications in the early days of defense activity, painting of buildings was entirely overlooked in many instances. This oversight was pointed out by paint industry leaders, who stressed both surface preservation and soldier morale, and specifications were corrected to include interior and exterior paint work.

Dr. F. W. Ottens has been appointed general superintendent of the Mound City Paint & Color Company, St. Louis. He formerly was affiliated with the Martin-Senour Company, Chicago, and the G. J. Liebich Company, Chicago.

SPECIALIZED NAPHTHA SOLVENTS THAT ARE DEPENDABLE AND UNIFORM:

SOCONY-VACUUM

SOVASOLS

SOVASOL No. 1 — Excellent General Rubber Solvent. Quick-Drying —Has Balanced Volatility.

SOVASOL No. 2—Fast-Drying Lacquer Diluent and Rubber Cement Solvent. Chemically Stable.

SOVASOL No. 3—Thinner for Lacquer, Lacquer-Enamel and Fast-Drying Varnish. Stable—Non-Corrosive.

SOVASOL No. 4—Varnish-Makers' & Painters' Naphtha for Quick-Drying Paints and Varnishes.

SOVASOL No. 5—Highly Refined, Colorless, Odorless Paint — Varnish Thinner.

SOVASOL No. 6—Excellent Paint Retarder. Safe, clear, free from objectionable odor.

Socony-Vacuum Oil Co., Inc.
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AVAILABLE IN THIS COUNTRY TO TAKE CARE OF *Any* NEEDS!

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			TORONTO A. S. Paterson

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Three-hundred-seventy-fourth Instalment

Photography

Plasticizers Used in Making Photographic Films from Cellulose Esters or Ethers

(Continued from April 21 issue)

Benzyl trichloroanilide
Benzyldihydrocarvone
Benzylglucose
Benzylhydrocarvone
Benzylidene diacetate
Benzylideneglycerol
Benzylsucrose
Betabutoxyethyl benzylbenzoate
Betabutoxyethylfluorene 9-carboxylate
Betachloroethyl naphthenate
Betaethoxyethyl 2-paratoluoylbenzoate
Betagammadibromopropyl ester of coconut oil acids
Betagammadistearoxypropyl chloride
Betamethyl adipate
Betaine chlorate
Betaine chromate
Betaine nitrate
Betaine permanganate
Biguanidin nitrate
Bis-(acetoxymethyl)-phthalate
Borneol
Borneol butyrate
Borneol ethoxyacetate
Borneol ethoxychloroacetate
Borneol methoxyacetate
Borneol methoxychloroacetate
Borneol phthalate
Borneoldibromodihydrocinnamic acid
Bornyl acetate
Bromocyclohexane-1:4-dicarboxylic acid
Bromoethyl cinnamate
Butyl acetate
Butyl acetylricinoleate
Butyl adipinate
Butyl benzoate
Butyl carbamate
Butyl carbanilate
Butyl di-isoamylphosphate
Butyl laevulinate
2-Butyl octylacetate
Butyl oleate
Butyl palmitate
Butyl phosphate
Butyl propionate-acetate
Butyl resinate
Butyl stearate
Butyl tartrate
Butyleneglycol diacetate
2-Butyloctanol carboxyl esters
2-Butyloctanol esters
Butylpentaerythritol
Butylphthalyl butylglycollate
Camphor
Camphor-carbitol phthalate
Camphrosal
Carbonic acid phenolic esters
Carboxylic acid derivatives of secondary aliphatic aromatic amines
Carboxylic acid esters of:
- 2-Butyloctanol
- Di-2-ethyl butylphthalate
- Di-2-ethyl butylsuccinate
- 2 Ethyl butylacetate
- 2-Ethylbutanol-1

Casterol
Castor oil
Castor oil, acetylated
Celludol
Centralite
Cetyl salicylate
Chinawood oil
Chloral
Chlorhydrins
Chlorinated diphenyl
Chloroacetanilide
Chloroethyl cinnamate
Chloronaphthalene
Chloronaphthyl acetate
4-Chlorophthalic acid
Chloroxypropyl cinnamate
Cinnamene
Cinnamyl compounds
Citric acid phenolic esters
Coconut oil
Cresol
Cresyl carbonate
Cresyl dimethylphosphate
Cresyl phosphate
Cresyl thiophosphate
Cresylanilides
Cresylanilide phosphates
Cresyl paratoluenesulphethylanilide
Cresyl paratoluenesulphonate
Cresylphenyl ether
Cresyl-phosphoric dianilide
Cresyl-phosphoric esters
Cyclic ethers
Cyclohexanol
Cyclohexanol acetate
Cyclohexanol formate
Cyclohexanyl phthalate
Cyclohexyl adipinate
Cyclohexyl benzylbenzoate
Cyclohexyl laevulinate
Cyclohexyl 2-naphtholbenzoate
Cyclohexyl phthalate
Cyclohexylethanolamine
Cyclopentanol
Cyclopentanol formate
Dextrin diacetate
Dextrin dibutyrate
Dextrin ditartrate
Dextrin pentacetate
Dextrin tetratartrate
Dextrin triacetate
Diacetin
Diacetochlorhydrin
Diacetonarabitic acid
Dialkyl oxalate
3:4-Diaminobenzoic acid
Diamyl oxalate
Diamyl phthalate
Diamyl tartrate
Dibenzenesulpho-2:7-dioxynaphthalene
Dibenzenesulphoparacresol
Dibenzyl benzenesulphamide
Dibenzyl parachlorobenzenesulphanilide
Dibenzyl paratoluenesulphamide
Dibenzyl paratoluenesulphanilide
Dibenzyl paratoluenesulphoimide
Di-2-butyl octylphthalate
Di-2-butyl octylsuccinate
Dibutyl oxalate
Dibutyl phthalate
Dibutyl sebacate
Dibutyl stearamide
Dibutyl succinate
Dibutyl tartrate
Dichlorobenzyl benzoate
3:6-Dichlorophthalic acid
Dicresyl glycerylether
Dicresyl methylphosphate
Dicresylin
Dicresyl-phosphoric acid amylester
Dicresyl-phosphoric acid ethylester
Dicresyl-phosphoric acid methylester
Dicresyl-phosphoric anilide
Dicyanodiamide
Dicyanodiamidin
Didimethylcyclohexanol oxalate
Diethyl adipate
Diethyl hydrophthalate
Diethyl isopnthalate
Diethyl phthalate
Diethyl sebacate
Diethyl tartrate
Diethylbromoacetylurea
Diethyldiphenylurea
Diethyleneglycol citrate
Diethyleneglycol lactate
Diethyleneglycol tartrate
Diethylsulphodimethylmethane
Diethylsulphomethylethylmethane
Diethylsulphone
Diethylurea
Diglycerol
Diheptylsulphone
Dihydroxybenzene
Dihydroxydinaphthyl ketone
Dihydroxydiphenyl sulphonate
Dihydroxydiphenylsulphone
Di-isoamylethylsulphone
Di-isoamylsulphone
Di-isobutyl phthalate
Di-isobutylsulphone
Di-iso-N-butylsulphone
Di-isopropylsulphone
Dimethyl adipate
Dimethyl phthalate
Dimethylaminobetacoumarin
Dimethylanilin
Dimethylcyclohexanol oxalate
Dimethylcyclohexylcarboxylic acid
2:4-Dimethyldimethylene dioxide
Dimethylphenyl carbamide
Dimethylsulphone
Dimethylurea
Dinaphthyl amylphosphate
Dinaphthyl carbonate
Dinaphthyl ketone
Dinaphthyl-phosphoric acid amylester
Dinaphthyl-phosphoric acid methylester
Dinaphthyl-phosphoric anilide
Dinitrobenzene
Dinitrodiphenylamine
Dinitrodiphenylethane
Dinitrotoluene
Dinitroxylene
Dioxydiphenyldiethylmethane
Dioxydiphenyldimethylmethane
Dioxydiphenylethylmethylmethane
Dioxynaphthol ketone
Diparasulpho-2:7-dioxynaphthalene
Diphenyl, chlorinated
Diphenyl carbonate
Diphenyl cresylphosphate
Diphenyl ether
Diphenyl ethylphosphate
Diphenyl glycerylether
Diphenyl oxide
Diphenyl phthalate
Diphenyl-phosphoric acid amylester
Diphenyl-phosphoric acid cresylanilide
Diphenyl-phosphoric acid cresylester
Diphenyl-phosphoric acid ethylanilide
Diphenyl-phosphoric acid ethylester
Diphenyl-phosphoric acid methylanilide
Diphenyl-phosphoric acid methylester
Diphenyl-phosphoric acid naphthylanilide
Diphenyl-phosphoric acid naphthylester

(To be continued)

Drying Oils Situation Summarized by Trigg

OPD Washington Bureau
April 24, 1941

A summary of the drying oils situation was presented by Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, Inc., at a conference on drying oils under the auspices of the Agricultural Division, National Defense Advisory Commission, at a meeting here today. Mr. Trigg, in part, said:—

Linseed oil for many years has been our best drying oil crop and has been the main reliance of the paint and varnish industry. In 1940, for instance, the production of linseed oil was 606,000,000 pounds, total factory consumption was 386,000,000 pounds, and of this the paint and varnish industry used 270,000,000 pounds. But in addition, it is estimated from total disappearance of the oil during the year that about 200,000,000 pounds were used by painters and others in mixing or thinning paints at the time of application.

The history of the flax crop, from which linseed oil is obtained, is an interesting one. It averaged 24,000,000 bushels from 1901 to 1910, dropped to less than 14,000,000 bushels for the average from 1911 to 1920, increased to nearly 19,000,000 bushels for the average from 1921 to 1930, and hit the skids during the next decade with a total of only slightly more than 5,000,000 bushels in 1936. During the past thirty years our needs have been in excess of production and have been met with imports, principally from the Argentine, which have averaged about 15,000,000 bushels during the last ten years.

Next to linseed, during the past thirty years, tung oil has been our most important drying oil. It is not to be regarded as a replacement for linseed oil but possesses distinct characteristics of its own which enable the production of a tough and impervious film which is particularly desirable for certain types of finishes.

Practically all of the tung oil which we need must be imported from China and while it is believed that there is no shortage of the nuts from which the oil is produced in China the difficulty of getting it out of China and into this country, which appeared ominous at the time of the Japanese invasion, has become a reality.

In spite of these difficulties close to 100,000,000 pounds of oil were imported in 1940. The extent to which consumers have cooperated in relieving the situation by using replacements wherever possible is apparent in the consumption of less than 60,000,000 pounds in 1940, while stocks at the end of the year were reported as 57,000,000 pounds, as compared with 31,000,000 pounds on December 31, 1939. With all the activity engendered by the defense program, however, supplies have been moving out since the first of the year in considerable volume, while our imports have been very much less so that the situation is now becoming undeniably acute. Imports of tung oil during the first two months of this year were only slightly more than 1,000,000 pounds, as compared with 23,000,000 pounds in the first two months of 1940.

Castor oil itself is not a good drying oil, but it has been used in our industry for a good many years to the extent of about 3,000,000 or 4,000,000 pounds annually as a prasticizer or softener.

Soybean oil is the only drying oil produced domestically in quantities sufficient for our needs. It is not a particularly good drying oil and the amount which can be used in exterior paint is limited, while it is only through the use of the more expensive synthetic resins that good varnishes can be made. Experiments made in the laboratories of the U. S. Department of Agriculture at Urbana, Illinois, and of our own scientific section, indicate that very durable varnishes can be made from soybean for uses where rapid drying is not important, but of course this very definitely limits its field. Another disadvantage is the longer time required for cooking in the kettle to develop the proper viscosity.

Resins Theme of *Priorities*

The effect which the advent of synthetic resins has had on industry in the past few years is the theme of the leading article in the April number of *Priorities*, house magazine of the Prior Chemical Corporation, this city. A brief account is given of the development of the first of these resins by Dr. L. H. Baekeland and of the large number which have followed in the wake of the first one.

Trade Briefs

Maurice O. Barr has joined the Eagle-Picher Sales Company, Dallas, Tex., as technical representative in sales-service work in Southwestern district.

Western Dry Color Company, Chicago, has added James J. Lynch to its sales staff. Mr. Lynch, identified with the paint industry since 1933, is a graduate of Northwestern University.

Jones-Dabney Company, Inc., plant in Louisville, Ky., was damaged April 16 by a fire that started in a mixing machine in the lacquer department. No estimate of damage was available.

Railway locomotive finishes, giving results of exposure tests, is the subject of a report completed by the scientific section of the National Paint, Varnish and Lacquer Association.

Paint specifications of the United States governmental bureaus are indicated in a circular, No. 618, issued by the scientific section of the National Paint, Varnish and Lacquer Association.

Subsurface metal miners, under a decision by Wage and Hour Administrator Fleming, are to be paid after May 1 for all time underground, except for lunch periods of a half-hour or longer.

C. F. Beatty, president of the Socony Paint Products Company, this city, has been named chairman of the paint, lacquer and varnish committee for the Greater New York Fund's 1941 campaign.

Vita-Var Corporation, paint manufacturers, Newark, N. J., has leased additional space in the Raymond-Commerce building, to allow for the expansion of its sales and advertising departments.

J. J. Tierney, with E. I. du Pont de Nemours & Co., Wilmington, Del., for the last twenty-five years, has been appointed manager of the finishes division in Westchester, with headquarters in White Plains.

George Martin Honored By Cleve. Business Men

—Continued from page 5

tions in Cleveland. Through his efforts many talented persons from every section of this country have found opportunity, which otherwise would have been denied them, to become famous artists of the opera.

Born in 1865 in a small Wisconsin town, Mr. Martin was at the age of twelve working in the Chicago stockyards. After three years he moved to the Union Brass Manufacturing Company and sold railway car trimmings for seven years.

At twenty-two he started his own business, producing railroad paint specialties, and finding himself unable to sell one road because of its air-tight contract with a Cleveland firm he turned around and sold his products to the Cleveland firm for resale to the Chicago railroad. The Cleveland firm was the Sherwin-Williams Company, who in 1891 offered him the management of its subsidiary, the Calumet Paint Company. His next move was to take charge of the company's mining, smelting and oil crushing operations, and in 1916 he became vice-president. Five years later he was general manager, in 1922 became president, and last year, his fiftieth with Sherwin-Williams, he was elected board chairman.

Naval Stores Act Rules Promulgated

—Continued from page 5

fees and charges for analytical work and for the use of duplicates of United States rosin standards.

As a result of correspondence on the tentative draft, a change has been made in the section of the regulations dealing with sales and shipments. It had been proposed to require that each package of naval stores, other than a tankcar, be marked to show the identity, grade, and manufacturer. As promulgated the regulations simply require that the invoice or contract of sale shall identify and describe the artcile.

Oil, Fats, and Waxes

Refined Cottonseed Oil Futures Advance, Then React — Crude Offerings Light — Lard Irregular — Many Other Vegetable, Animal and Fish Oils Continue to Rise—Trade Quieter

Refined cottonseed oil and lard futures showed irregularity last week, but the tone of the general list of oils, fats and greases remained decidedly firm. The trend of the market continued upward, further advances being recorded in many vegetable, animal and fish products. In not a few cases price increases were sharp. Trade was quieter, setbacks at times in cottonseed oil, lard and soybeans as well as weakness in the markets for securities and some speculative commodities of importance, making consumers of oils and fats disposed to curtail purchases for a time and await further developments.

Offerings of imported and domestic oils and fats were light throughout the week and quotations in many instances were strictly nominal. There was apparently no prospect of any relief from the scarcity of Far Eastern products in the near future as the supply of ocean tonnage was still very limited, with the tendency of ocean freight rates continuing upward. Rates on importations of coconut oil, copra and copra cake from the Philippines were reported to have been increased $10 per ton, effective early next month. Production of soybean oil in this country during the quarter ended with March, according to an official report was 151,705,000 pounds against 154,346,000 pounds in the same time last year. Stocks of soybeans at the mills at the close of March were 315,457 tons against 409,286 tons last year, while stocks of oil were 30,991,000 pounds against 19,086,000 pounds last year.

On page 25 of this issue there will be found a tabulation giving quotations in August, 1914, the opening month of the world war, and the prices prevailing at the close of the market last week.

Vegetable Oils

Castor, Dehydrated. — Active and firm at recent advance to 13½c. per pound, tankcars.

Chinawood.—Offerings withdrawn or limited to small quantities. Drums advanced to 13¼c. per pound. Tankcars nominal. Good inquiry.

Coconut.—Crude scarce on spot. Nominal quotation advanced ½c. Refined offerings limited to moderate lots at ½c. advance.

Corn. — Offerings light. Nominal prices up ½c. Inquiry increased.

Cottonseed.—Edible up ½c. Good demand.

Oiticica.—More active and 1½c. higher. Spot and future offerings light.

Olive.—Only small lots available. Denatured reported sold $3.10 per gallon. Edible $4.40 for imported; $4.05 to $4.10 for domestic. Foots reported sold 13¾c., drums.

Palm.—Offerings scarce. Nominal quotations up ¼c.

Peanut.—Quotations ⅜c. to ½c. higher and nominal. Good inquiry.

Perilla.—More active. Sales reported ½c. advance.

Soybean. — Quotations generally maintained by producers. Resale offerings reported at concessions of ¼c. Beans irregular.

There was no trading in soybean oil futures on the New York Produce Exchange, from April 19 to April 25, inclusive. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	...	...	8.25 bid
July	...	...	8.25 nom.

Markets at Other Centers

San Francisco, April 25.—Vegetable oil trend upward. Trade quieter.

COCONUT.—Quoted 5¼c. per pound in tankcars, f.o.b. Pacific Coast, following earlier sales at 5c. to 5½c. per pound. Supplies apparently still light, although copra movement reported improved. Copra 3.10c. to 3.15c. per pound.

CHINAWOOD.—Limited quantities of syndicate oil reported to have been placed at 28½c. per pound in tankcars, f.o.b. Pacific Coast, while "free" oil recently reported moved as high as 30c., tankcars. Demand fair.

OITICICA.—Solid oil 16¼c. per pound in drums; liquid 17¼c., subject to available steamer space from South America.

BABASSU.—Strong, quoted at 8c. per pound in tankcars, f.o.b. Pacific Coast mills. Supply continues light.

COTTONSEED.—Crude 9¼c. per pound in tankcars, f.o.b. northern California mills.

WALNUT.—Crude California oil quoted 8¼c. per pound in tankcars, f.o.b. Pacific Coast mills.

SESAME.—Supplies very light. Quoted 8½c. per pound in tankcars.

Chicago, April 25.—Vegetable oils holding recent gains; demand good.

COCONUT.—Refined, edible oil, 10c. to 10¼c. per pound, drums, car lots.

CORN.—Crude, mills, 8c. to 8½c. per pound. Refined, edible oil, 10¼c. to 10½c. per pound, drums, car lots; 10¾c. to 11c., drums, less car lots.

SOYBEAN.—Crude, April-forward, 7¾c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular with grain. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing Apr. 25.	Closing Apr. 18.
Cash, No. 2	$1.24½	$1.19½	....	$1.22¼
May	1.23⅜	1.17½	1.21⅝	1.21¼
July	1.19⅝	1.14	1.17½	1.17⅝

Price Changes

Advanced

Beeswax, African, 1c. per lb.
Capric acid, 1c. per lb.
Castor oil fatty acid, ½c. per lb.
Chinawood oil, drums, ½c. per lb.
Coconut oil, crude, ½c. per lb.
refined, ½c. per lb.
fatty acid, ½c. per lb.
Corn oil, crude, ½c. per lb.
refined, ⅝c. per lb.
Cottonseed oil, edible, ½c. per lb.
fatty acid, ⅝c. per lb.
Japan wax, ½c. per lb.
Lard oil, ½c. to ⅝c. per lb.
Lauric acid, 1½c. per lb.
Linseed oil fatty acid, ¼c. per lb.
Menhaden oil, refined, 4-10c. to 8-10c. per lb.
Neatsfoot oil, ½c. per lb.
Oiticica oil, 1½c. per lb.
Olive oil, denatured, 55c. per gal.
edible, 15c. per gal.
foots, ½c. per lb.
Ouricurry wax, crude, 4c. per lb.
double refined, 4c. per lb.
single refined, 4c. per lb.
Palm oil, ½c. per lb.
fatty acid, ½c. per lb.
Peanut oil, crude, ⅝c. per lb.
refined, ½c. per lb.
Perilla oil, ½c. per lb.
Red oil, ½c. per lb.
Sardine oil, refined, 4-10c. to 8-10c. per lb.
Sesame oil, crude, ⅝c. per lb.
Soybean oil fatty acid, ⅝c. per lb.
Stearic acid, ½c. per lb.
Tallow oil, ½c. per lb.

Reduced

Soybean meal, $1 per ton

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.2	143.8	135.8	103.6

Market news that may have developed after this report was sent to press will be found on page 4.

Linseed Oil

Domestic flaxseed markets easier. Linseed oil and meal steady.

Flaxseed—DULUTH, April 25.—A steady volume of country marketings and some hedging pressure drove flax prices down. Rains delaying planting. The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.94	$1.86
Monday	1.93¾	1.85¾
Tuesday	1.92	1.84
Wednesday	1.90	1.78½
Thursday	1.88¼	1.80½
Friday	1.91⅞	1.83½

Crop movement in bushels follows:—

	Receipts 1941.	Receipts 1940.	Shipments 1941.	Shipments 1940.
This week	92,326	28,056	.....	.....
Since Aug. 1	10,742,866	4,420,702	8,498,514	3,964,216

MINNEAPOLIS, April 25.—Flax receipts were liberal; ready demand persisted. Crushers bought fair amount of Argentine seed for nearby delivery at 62½c. freight rate to the Eastern seaboard; this slowed demand for domestic seed needed at that point. In Southern Minnesota little planting done. A year ago a large acreage planted.

Flax Institute efforts to promote early sowing have been nullified by weather conditions but it does look as though there would be plenty of moisture for plants if they get a reasonably early start. Virtually no sowing done in Northern territory because of rain, snow and frost. Montana had a lot of snow.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.94	$1.86	$1.87
Monday	1.93¾	1.85¾	1.87
Tuesday	1.92	1.84	1.85½
Wednesday	...	1.78½	1.80½
Thursday	1.88¼	1.80¼	1.81
Friday	1.91¾	1.83¾	1.85½

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Triple Pressed
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(OLEIC ACID)

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(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

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AShland 4-8251 Cable: Grossray

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Amer. Oil Chemists Soc., May 15-16, New Orleans.

Crop movement in bushels follows:—

	Receipts—		Shipments—	
	1941.	1940.	1941.	1940.
This week..	155,400	53.200	37.800	28,000
Since Sept.	1.10,094,600	3.741,200	1.706,600	2,002,330

WINNIPEG, April 25.—The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$1.57⅛	$1.57½	$1.59⅛
Monday	1.55⅛	1.53½	1.57
Tuesday	1.52⅛	1.52⅛	1.54
Wednesday	1.46⅝	1.47	1.49
Thursday	1.48	1.48¼	1.50¼
Friday	1.51⅝	1.51⅞	1.53½

BUENOS AIRES, April 25.—Flaxseed, May, 70c. per bushel. Exports this week 362,000 bushels, including 260,000 to the United States. Total since January 1, as follows:—

To—	Bushels— This year.	Last year.
United States	3,960,000	7,025,000
United Kingdom	637,000	4,994,000
Continent	327,000	9,062,000
Orders	.....	598,000
Others	399,000	146,000
Totals	5,323,000	21,825,000

Visible Supply

	Bushels.
Last week	6,496,000
Previous week	6,299,000
Last year	6,299,000

Linseed Oil.—The local market had a steady tone. Quotations were maintained by crushers at previous levels. The trend of flaxseed prices in domestic markets was downward at times, but there was little change in Buenos Aires and ocean freight rates on imports remained at the extremely high levels prevailing for some time past. The market here for linseed oil was quiet so far as new business was concerned, but crushers were busy with shipments on contracts, the movement from the mills apparently being sufficient to prevent any additions of consequence to supplies. Estimates of consumption of linseed oil this season continue to be revised upward. Planting of new crop flaxseed in the Northwest was checked by cold weather but the condition of the soil is said to be very good. According to some reports the acreage in Canada will be materially increased this year as the result of the offering of a bonus to farmers for increasing production.

MINNEAPOLIS, April 25.—Linseed oil demand slowed down. Use of oil continues to run far in excess of earlier estimates. Shipping instructions are very good and mills are unable to accumulate noticeable reserves in spite of full operations.

Quotations on tankcar lots, 9.8c. per pound; cooperage car lots, 10.5c. per pound; warehouse lots, 10.9c. per pound, f.o.b. Minneapolis.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week	4,200,000	2,580,000
Since Sept. 1	121,000,000	100,180,000

SAN FRANCISCO, April 25.—The extent of damage to California's San Joaquin Valley flax crop damage not definitely known, but serious enough to cause trade worry. Market for oil quiet. Shipments against previous contracts exceedingly brisk. Tankcars, 9.5c. per pound; drum car lots, ex-mill, 10.2c.; drum lots, ex-warehouse, 10.6c.

CHICAGO, April 25.—Linseed oil quiet. Tankcar, 9.8c. per pound; drums, car lots, 10.5c.; drums, less than car lots, 10.9c.

Cake and Meal.—A steady tone prevailed. Domestic trade in meal quieter.

MINNEAPOLIS, April 25.—Most of the crushers are sold up on linseed meal to the middle of May and some to end of month.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $28.50 to $29 per ton.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week	7,920,000	4.400,000
Since Sept. 1	270,421,000	144,760,000

CHICAGO, April 25.—Linseed meal quiet. Round lots, $29 per ton; car lots, $29 to $29.50; less car lots, $31 to $31.50.

Cottonseed Oil

Refined cottonseed oil futures irregular. Southern markets for crude oil generally steady or firm.

Cottonseed Oil.—The market here for refined cottonseed oil futures was irregular last week, the general trend being upward at one time early in the period after which there was a setback, with a rallying tendency still later. Much of the selling appeared to be in the nature of long liquidation for account of local and outside traders and apparently based to some extent at least on depressing war news from abroad and weakness at times in lard, soybeans and other speculative commodities as well as in the market for securities. There was also selling apparently on the idea that the market was entitled to a reaction after a rather steady advance. Trading was active. Commission houses were prominent in the operations on both sides. Trade interests bought on weak spots. Some of this buying was supposedly for the purpose of taking in hedges.

Crude cottonseed oil was quieter in the South but offerings were light and price changes narrow. Miscellaneous vegetable, animal and fish oils were firmer, further sharp advances being recorded in many products. Nominal quotatons on coconut oil were higher. It was reported that ocean freight rates on shipments of coconut oil, copra and copra cake from the Philippines would be advanced sharply early next month. Advices from Washington announced the purchase of 22,000,000 pounds of lard by the government and intimated there was a possibility that part of it migh be released for market stabilization purposes. Receipts of live hogs in some Western markets were larger than last year, arrivals in the principal centers for four days of the week aggregating 226,600 head against 180,700 last year. The weight of the hogs received in Chicago during the week ended April 19 averaged 248 pounds against 247 in the previous week and 246 pounds in the same week last year. Reports concerning the progress of the new cotton crop were more favorable as a result of improved weather.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from April 19 to April 25, inclusive, comprised 1,889 contracts. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	9.92	8.95	9.15@9.23
July	9.33	8.98	9.19 sale
September	9.42	9.04	9.26 sale
October	9.43	9.05	9.27@9.29
December	9.45	9.17	9.32@9.33

Crude, Southeast, .08½c. Nom.

Chicago, April 25.—Cottonseed oil is quiet but firm. Refined, edible oil is 10c. to 10¼c. per pound, drums, car lots; and 10½c. to 10¾c., drums, less car lots.

Cake and Meal.—Quieter conditions prevailed in parts of the South as usual at this season. Offerings continued light.

Markets at Other Centers

Atlanta, April 24.—Prime crude cottonseed oil in the Southeast 8½c. to 8¼c. per pound; meal $26.50 to $27 per ton. Present indications are that cotton will be planted later than usual in the upper cotton belt.

MEMPHIS, April 24.—Crude cottonseed oil very quiet. Last sales at 8¼c. Today 8c. bid. Few scattered tanks available at 8½c. to 8¼c. Cottonseed meal, 41 percent, $25 per ton, Memphis basis. Bulk case, $22, Valley basis. Bulk hulls, $5 per ton; sacked, $8. Heavy rains this territory recently; more expected. Weather cool. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	April 17.	April 24.
May	$25.00@25.35	$23.75@——
July	25.10@25.50	23.75@24.00
September	25.15@25.75	24.00@24.15
October	25.50@25.90	24.25@——
December	25.75@26.00	24.25@24.50

Closing soybean meal futures:—

May	$23.10@23.75	$21.30@22.00
July	23.35@23.75	21.50@22.00
October	23.30@23.50	21.40@21.65
December	23.40@——	21.40@21.60

Fatty Acids

Capric Acid. — Production moving steadily to local and other consumers. Prices up one cent.

Castor Oil.—Strength of basic material reflected in a firmer market for fatty acid. Prices advanced ½c. Demand good.

Coconut.—Steady movement on contracts. New business increased. Quotations up ½c.

Cottonseed.—Demand stimulated by recent developments in raw material. Market ½c. higher.

Laurie Acid.—Firm at 1½c. advance. Demand good.

Linseed Oil.—Consumption reported on increase. Market ¼c. higher.

Myristic Acid.—Tone firm. Output absorbed by local and outside buyers.

Red Oil.—Firm with raw material. Consumption increasing. Prices up ½c.

Stearic Acid.—Steady movement on contracts and new orders. Market ½c. higher.

Chicago—April 25

Fatty acids strong and active. Corn oil, double distilled, 10c. to 10¼c. per pound, tanks; 10½c. to 10¾c., drums, car lots; cottonseed oil, double distilled, 8¼c. to 8½c. per pound, tanks; 8¾c. to 9c., drums, car lots; settled cottonseed soap stock, 2⅞c. to 3c.; boiled down soap stock, 65 percent basis, 3⅞c. to 4c.; cottonseed foots, 50 percent basis, 1¾c. to 2c.

Fish Oils

Cod. — Primary supplies reported very light. Quotations nominal.

Menhaden.—Refined quotations advanced 4 to 6 poins by local sellers. Fair demand.

Sardine.—Local refined stocks light. Quotations up 4 to 6 points. Crude scarce.

Sperm.—Firm at recent advance. Fair movement to local and other consumers.

Whale.—Refined oil in fair request. Spot stocks light. Prices firm.

Markets at Other Centers

San Francisco, April 25.—Fifty cents per gallon was paid for new season California sardine oil in the San Francisco market in the opening transactions for oil to be delivered out of the 1941-42 crop, when an estimated 100 tankcars were written into contract on an if-and-when-produced basis. No oil has been reported as having been sold out of any other Pacific Coast districts so far. Both sides of the trade are moving

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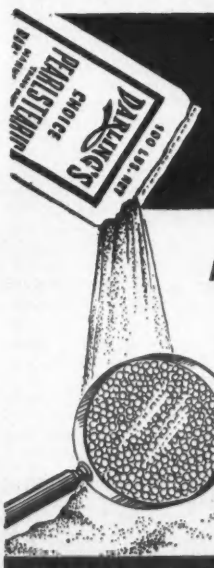

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cautiously. Opinion among some sellers is that better prices may be seen soon.

Baltimore, April 23.—Florida reports orders for new crop crude menhaden oil booked on a when-and-if-made basis at 45 cents per gallon, equal to 47 cents at Baltimore. Considerable fish reported in Florida waters. A large herring catch is reported in Chesapeake Bay.

Fats and Greases

Grease.—Increased demand from local and outside consumers. Market firm.

CHICAGO, April 25.—Choice white grease, 7c. to 7¼c. per pound; yellow, 6¼c. to 6½c.

Lard.—Cash prices irregular. Local trade fair. Purchase of 21,718,400 pounds of lard by the government was officially announced.

CHICAGO, April 25.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing Apr. 25.	Closing Apr. 18.
Cash	$8.85	$8.60	$8.70	$8.72
May	8.87	8.57	8.70	8.75
July	9.10	8.72	8.90	8.92

Stearin.—Offerings light. Quotations nominal ½c. advance. Fair demand.

CHICAGO, April 25.—Prime oleo stearins, 8c. to 8¼c. per pound.

Tallow.—Increased purchases by soapers and other consumers reported. Also some foreign tallow for May-June shipment. Market firm.

CHICAGO, April 25.—Inedible tallow, prime, 7c. to 7¼c.; special, 6⅝c. to 6¾c.

Trading in tallow futures on the New York Produce Exchange from April 19 to April 25, inclusive, consisted of one contract. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
June	7.55	7.55	7.50@7.75
July	...	...	7.50@7.75

Animal Oils

Degras.—Tone firm. Demand good, common and neutral. Spot stocks generally light.

Lard.—Fair demand. Quotations advanced ¼c. to ⅝c.

CHICAGO, April 25.—No. 1 lard oil, 9½c. to 9¾c. per pound.

Neatsfoot.—Firmer. Prices unchanged to ½c. higher.

Oleo.—Trade fairly active. Spot stocks light. Tone firm.

CHICAGO, April 25.—Extra oleo oil, 10¾c. to 11c. per pound.

Tallow.—Prices up ½c. Fair demand.

CHICAGO, April 25.—Acidless tallow oil, 9¼c. to 9½c. per pound.

Waxes

Bayberry.—Still quiet. Prices maintained.

Bees.—African wax nominal. Stocks lacking due to lack of imports for some time. Brazilian wax showing renewed strength. Not much offered from source. Nor from Chile. February importations by countries of origin were:—

	Pounds.
Guatemala	5,474
Salvador	1,022
Mexico	6,833
Cuba	76,358
Dominican Republic	65,777
Brazil	177,354
Chile	4,601
Peru	17,390
Belgian Congo	9,151
Mozambique	7,678
Other Portuguese Africa	33,069
Total	404,927

Candelilla.—Very firm. Sellers have slight differences in views. Market inside at 21c. per pound. Excellent demand.

Carnauba.—Dealers report cabling substantial orders to Brazil. No change in spot prices, but market shows reviving strength. Difference in sellers' views rather wider than normally. Brazil offerings usually well ahead, June-July or July-August.

Japan.—Much firmer. Reported increased use by munition manufacturers. Market up to 17c. to 17½c. per pound. War risk insurance and marine rates rising and affecting replacement cost.

Ouricurry.—Heavy demand boosting prices sharply. Crude, 42c. to 44c. per pound, with brokers occasionally quoting 41c. Double refined, 48c. to 49c. Single refined, 46c. to 47c.

Trade Briefs

Glycerin and soap factory has been erected in Iran, with a daily production of two tons of glycerin and thirty tons of soap.

Sterne & Son Company, vegetable and animal oils, brokers, Chicago, has moved to the Chicago Board of Trade building.

Antonio Corrao, olive oil importer, Brooklyn, has applied for associate membership in the New York Produce Exchange.

Otis B. Levie, commodity broker, Macon, Ga., has applied for associate membership in the New York Produce Exchange.

Charles W. Patterson, of Patterson, Dunscombe & Co., commodity broker, Memphis, has made application for membership in the New York Produce Exchange.

Castor Oil Products Company is the firm name under which John B. Ruth and Robert W. Ruth have obtained a certificate to conduct business at 114 South Central avenue, Los Angeles, Calif.

Rutger Bleecker & Co., Inc., importers of waxes, starches and food products, this city, has moved from 122 Front street to larger quarters at 111 Wall street. Telephone number unchanged, Whitehall 3-6960.

J. C. Nash, president of the Columbia Naval Stores Company, Savannah, Ga., has completely recovered from an illness that confined him to his home for two months and is again engaging actively in business.

Consolidated Chemical Laboratories is the firm name under which Willis R. Battles, Dennis E. Cosby and Everett Dillashaw have obtained a certificate to conduct business at 409 N. Chester avenue, Route 1, Bakersfield, Calif.

Flax Output Up

There were thirty mills in the United States which crushed flaxseed during the quarter ending March 31, 1941, according to the Bureau of Census. Data covering operations of these mills, are shown in the following table.

	1940.	1940.
Number crushers	25	30
Flaxseed crushed, ton	220,981	286,377
Linseed oil produced, lbs.	150,197	196,281
Stocks at mills, March 31, tons	93,958	116,455
Stocks of linseed oil at mills, March 31, lbs.	135,868	150,434

Soybean Oil Output Off

There were seventy-eight mills in the United States which crushed soybeans during the quarter ending March 31, 1941, according to the Bureau of Census. Data covering operations of these mills shown in the following table.

	1940.	1940.
Mills crushing soybeans	70	78
Soybeans crushed, tons	496,911	525,141
Soybean oil produced, lbs.	154,346	151,705
Stocks, March 31, tons	409,286	315,457
Stocks of soybean oil, March 31, lbs	19,086	30,991

Cottonseed Oil Freight Cut

The New York Public Service Commission has approved an amendment to the commodity freight rate tariff filed by Bush Terminal on cottonseed oil, in containers named, or on tank cars, minimum weight as specified in tariff, from local stations, Army Base and Bush Docks to junction with South Brooklyn Railway or in reverse direction, 3c. per hundredweight. Reduction. Effective May 1, 1941.

Tung Oil Produced By Solvent Process

—Continued from page 3

wherein the oil is pressed from the kernels which have been separated from most of the other components of the tung fruit. The scarcity of tung oil and its high price made it desirable to investigate the possibility of increasing yields by solvent extraction.

Preliminary laboratory experiments with a small-batch extractor, the agriculture officials explained, indicated that the oil could be recovered from tung-presscake by solvent extraction. However, it seemed desirable to study the process further on a pilot-plant basis and such a plant was constructed by the Bureau of Agricultural Chemistry and Engineering in conjunction with L. O. Crosby & Sons, Picayune, Miss.

Solvent extraction, it was explained, may be accomplished either by a batch process or by a continuous process, equipment for both of these types of extraction being commercially available in this country. In the batch process the material is introduced into the extraction vessel or tower where the oil is extracted, after which the residue is discharged. In the continuous process, the material is introduced continuously into the extraction chamber and the residue discharged continuously without halting the extraction.

In both processes extraction of the oil is carried out in the following manner:—An organic liquid solvent is pumped through the comminuted material in such a way that the oil is dissolved; the resulting solution, or miscella, is filtered to remove solid particles, or fines, which have been carried away mechanically by the flow of the miscella; and the oil is obtained from the miscella by distilling off the solvent, which is recovered for further use. Provision is also made for the removal of solvent from the meal and for its recovery.

Generally, continuous extraction is more adaptable to large-quantity production, and because of its relatively greater cost, is not suitable for small-scale operations. The extra cost of continuous extraction is somewhat offset by the relatively small operating force required, and the time saved by removal of the necessity for charging and discharging the extractor.

The disadvantage of interruption in the operation of batch extraction has been considerably reduced by the judicious connection of a number of extraction towers in series, so arranged that towers can be disconnected from or introduced into the series as desired. By such an arrangement the miscella becomes increasingly rich in extracted oil as it flows through the connected towers and it is possible to connect towers containing extracted material at the inlet end, without interruption of the extraction process.

Margarin Standard Of Identity Proposed

OPD Washington Bureau
April 22, 1941

A proposed definition and standard of identity for margarin was published in the *Federal Register* today by the Federal Security Agency, under the provisions of the food, drug and cosmetic act.

A hearing on this subject was held October 11, 1940, and interested parties have ten days in which to file objections or comment.

Soap Exports Reported

United States exports of various sorts of soaps during February, as reported by the Bureau of Foreign and Domestic Commerce, follows:—

	Pounds.	Value.
Medicated	25,006	$7,040
Toilet or fancy	728,400	124,369
Laundry	3,139,666	173,829
Powdered or flaked	193,663	16,360
Shaving creams	35,726	14,821
Shaving cakes, powders, and sticks	6,179	3,318
Shaving soaps, bricks, pastes and powders	265,474	19,250
Other soap	44,605	4,556

Elbert J. Allee, of Wylie & Co., commodity broker, Greenville, S. C., has made application for associate membership in the New York Produce Exchange.

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Dryers for Precip. Pigments

—*Continued from page 5*

whilst this temperature is determined by prevailing vacuum, and the final stage where the material reaches the temperature of the heating medium.

It is upon this latter stage that most attention has to be devoted, since more than half the total time of drying is occupied in removing about 17 percent of the total moisture which is present. If it were possible to raise the temperature at the concluding stages, this difficulty could be easily overcome, but with many colored mediums this is inadmissible owing to their sensitivity. Although higher pressures could be used in the first stage, followed by lower pressure in the second stage, drying output is diminished as the period of the latter is lengthened. Every effort has therefore to be made to speed up the final stage while maintaining the desired low temperatures, and this is attained by using a high vacuum for vapor condensation.

Where the design of the drying plants permits, a moist-air pump is used to draw off the vapors, whilst by manipulation of a valve a higher vacuum is produced, whereby the heat stored in the material assists evaporation and removes the greatest part of the residual moisture.

Constructional Features Of Cabinet Dryers

With the ever-increasing desire to facilitate rapid production, by making as much use as possible of continuous working, less is heard of the shelf or cabinet vacuum dryers which, however, are required for pigment colors of specific shade and tint and particularly where the demands are of a modified order. Although previously largely made of cast-iron with riveted sections, welded steel has supplanted much but not all of the construction. The reason for this is that, while riveted staybolts could offer a means of leakage, too much in the way of welded parts gave practical difficulties in repairing and replacing parts.

The built-in heating plates may be of welded metal with corners which can be easily cleaned, but recessed parts, welted rings, and condenser parts of the multitubular type should also be easily accessible. Recent additions include special steam circulating systems which, by increasing the rate of flow of the steam, speedup heat-transfer. By mixing the live steam which has just been expanded with the saturated steam, the former benefits from the superheat thus made available. When the vacuum pump has been put into operation, the inspection window reveals how the drops of water are descending into the bottom chamber of the receiver, and drying is known to be completed when no further drops issue, whilst a further check is made by noting a slight rise in the temperature of the body of the cabinet.

Where shade and tint are important to the pigment being dried, it is a good plan to break the vacuum gently and admit air gradually, before emptying and recharging the shelves. Each shelf should have its independent steam feed, exhaust connections, and drainage tap, while the door should ensure a perfectly tight fit by having double flanges. The water which collects in the receiver is drawn off, using in some cases a by-pass valve so as to prevent the vacuum being broken at any time. The cabinet vacuum dryer, whilst of value for small charges and widely used in the production of fine chemicals, involves too much labor to be considered for large-scale pigment manufacture.

Rotary and Drum Dryers

Most attention has been devoted to the rotary and drum types of dryers because they meet the present-day needs of continuous production, whilst the scoop-type dryer is a more recent combination of these. Rotary dryers with a variety of stirring devices, steam jacket, draining valve, and pressure gauges have been the subject of numerous patents, apart from methods of using hot air as the drying medium.

Despite sound washing during filtration, not a few pigments reveal a tendency to clot and form lumps when heated, and suitable stirring opens up the mass and insures more rapid drying. Even where the filtered mass is of more or less semisolid condition, the rotary dryer keeps it in constant motion by the continual sweeping of scrapers or paddles, but where the vacuum principle is included, the wet material is caused to spread over the capacious steam-heated, polished drum as an exceedingly fine film. Heat is conducted through the comparatively thin surface with least resistance, and the water is changed to vapor at about 40° C. with the vacuum used. This type of dryer is of particular value for the drying of pigment precipitates which, because of filtration difficulties, contain very high percentages of water. By using what is known as the Passburg system, precipitates containing more than 80 percent of water can be dried in a matter of some 8 seconds, using a vacuum of some 28 inches, and maintaining the temperature at approximately from 37° to 47° C. whereby there are no dangers of overheating which can alter shade or tint.

The most rapid flow of heat from hotter to cooler surface is very largely dependent on the difference in temperature of the two when in contact, which is directly influenced by the high vacuum. The domeshaped dryer attains more to the cabinet or shelf type, except that stirring is introduced, but various conetypes with hollow trunnions connected to the vacuum pump follow the desired continuous drying principle. Three recent improvements in continuous dryers are to be seen in the vertical-flow type, the scoop type, and film dryer constructions. The flow-type plant can only be of practical service to pigment production where material which has become damp on storage, or for other inadvertent reasons, requires to be very rapidly dried. The material simply flows by its own weight, that is, by gravity, along heating tubes in an almost downward direction through a tower equipped with heating jacket and vacuum pump, and is discharged at the bottom in dry condition, whilst the speed of flow is determined by the extent of moisture which may be present.

Recent Adaptations of the Scoop and Film Principle

The scoop type of dryer is of great value where the pigment is of a composition likely to do injury to the health, as the drying takes place in such a manner that no dust gets the opportunity to be dissipated, as it is contained within a hermetically sealed casing. Unlike the hopper system of charging, pumps are used for introducing the pasty mass under pressure, and so long as the consistency is such that the material can be scooped, it is suitable for this method of drying. Whereas, many of the rotary drum dryers make most use of what surfaces are presented, this is considerably amplified where a scoop agitator is revolved.

The agitator shaft housed within the cylindrical vertical body carries the principal portion of the heat for evaporation, but this is still further assisted by heating tubes fitted between the scoops. To facilitate easy handling of the parts when repair or replacements are necessary, all larger units are made of aluminum alloys.

Material which has already been partly dried is continually mixed with freshly charged pigment, which, with the progressive nature of the system, becomes increasingly converted to dry powder condition as it proceeds, whilst increased number of surfaces of the scoops permits a large load to be dried within a comparatively small space.

Whilst temperature and vacuum are utilized in the same manner as in the rotary drum, this difference in the surfaces presented insures the most rapid output. With the single-cylinder film dryer it is not at all times possible to discriminate between the main evaporation stage and the final stage where more difficulty is experienced in removing the last traces of moisture. Where the pigment can stand a much higher temperature without injury, the final drying stage can be assisted by using a flow of superheated steam, or hot air. This partial weakness of almost all single-cylinder film dryers can be overcome by substituting the double cylinder which permits the necessary discrimination between the first and second drying stages.

With the single cylinder, all work is allocated to a certain thinness of the wet mass, but this can be varied as desired where the double cylinder is utilized, depending on the rate and efficiency of evaporation which is possible.

Whilst the cylinders are revolved in opposite directions, the speed of one may be increased beyond that of the other, whilst the scoop-dryer principle is also involved. By altering the temperature and vacuum of both cylinders, the requirements of both stages of the drying are thus fully met. With pigments which are unduly sensitive to heat, the speed of rotations of the film dryer is so considerable that the scrapers remove the mass before it is completely dry, although it has reached a consistency where it can be scooped with ease. For this reason a recent combination consists of linking up the double cylinder film dryer with an independent scoop arrangement, and incidentally the pulverizing action of the two cylinders was not always sufficient to obviate final treatment in the disintegrator.

A unit of this kind, although occupying comparatively little space, can dry pigments from filtering operations at the rate of two tons an hour, without any risk arising of the tint or shade being impaired. By using the scoop vacuum dryer as a supplementary plant it is possible to obviate calcining ovens where the pigment is improved by this treatment, and it can thus be put to the dual purpose of removing moisture traces and calcining at the one operation. In surveying the subject generally it will be observed that the modern vacuum dryer is constructed to discriminate between the physical disposition of different precipitates, the different stages of drying, and most particularly, to insure continuous discharge of dry material in the minimum of time, whilst occupying the least floor space.

Phila. Production Club Discusses Resin Research

The April meeting of the Philadelphia Paint and Varnish Production Club was attended by 103 members and guests.

Hyman Katinsky, chairman of the technical committee, reported that all subcommittees were busy on the various projects. He also stated that questionnaires would shortly be sent out in order to correlate previous results with the use of lead-coated cans which will be used as a basis for future work on the study of this type of container.

Guests were Captains Arnold and Breckenridge of the U. S. Engineer Corps and Lieutenant Van Heuckeroth, who is acting as liaison officer between the engineers and the production clubs. Captain Arnold gave a brief summary of the situation with respect to camouflage paints and indicated the important part the various production clubs can play in developing suitable camouflage materials for both military and industrial use. Lieutenant Van Heuckeroth stated that all assistance and co-operation possible will be given the production clubs in order that they may successfuly work out the projects which have been assigned.

Anthony Skett, research director for the American Gum Importers Association, gave a talk on "Progress in Natural Resin Research." The first subject discussed was the use of natural resins in traffic paints. Mr. Skett presented a number of natural color slides showing results of road tests made on Long Island and at Palmerton, Pa. In general, these tests indicated that spirit varnishes of manila resin plasticized with blown castor oil and pigmented with titanium barium pigment and asbestine made very satisfactory traffic paints. Other natural resins were tested but gave generally inferior results. Further work is to be done with other pigments and extenders.

A brief summary was also given of tests which have been made on leafing retention of aluminum paints using natural resin varnishes. Indications are that although the acid number of the resin may be a contributing factor in leafing retention, other factors are involved. An aluminum paint made with a vehicle containing congo gum showed better leafing retention than one made with Batu although the Batu has a much lower acid number than the congo.

A report was also made of work which has been done on combinations of natural resins particularly East India with ethylcellulose to produce finishes with varying degree of gloss. Plywood panels stained and finished were exhibited.

The next meeting of the Philadelphia Paint and Varnish Production Club will be held May 1. The speaker will be J. A. Fredrickson, of the Krebs Pigment & Color Corporation. Mr. Fredrickson will discuss "Rutile Titanium Dioxide Pigments."

Balto. Paint Club Hears Talk on Merchandising

The April meeting of the Baltimore Paint, Varnish and Lacquer Association heard an address by Allen E. Turner, merchandising director of the Davis Paint Company, on "Where Is the New Trade Prosperity for Trade Sales Hiding?" He discussed in detail the technique developed through training by makers of home decorating and furnishing materials, the arrangement of color schemes and housing shades that would blend and harmonize. He declared that the time was gone when the paint manufacturer could sit quietly in his office and merely sell a certain quantity of canned paint to the store, but that he must develop new outlets for his materials.

The club will hold a "ladies night" May 17.

Vandyke Brown Offered By Stanley Doggett

A vandyke brown, manufactured from American raw materials to definite specifications and claimed superior to such material formerly imported from abroad, is being offered by Stanley Doggett, Inc., this city. It is said to have a rich, transparent brown color, especially suiting it for use in pigment stains, glazes, and wood fillers. Development of the product is declared opportune, since it is impossible to obtain the European material.

An important property claimed for the new vandyke brown is nonreversibility; it may easily be dissolved in alcohol or coaltar solvents a first time, but will not readily dissolve a second time. This is said to be advantageous in non-grain-raising stains, since shellac, for which alcohol is the solvent, can be applied over the dried stain without noticeable lifting or resolution in the alcohol.

Wishnick-Tumpeer Offers New Inert for Paints

Wishnick-Tumpeer, Inc., manufacturer of chemicals, oils, pigments and asphalts, announces the development of 'Witcarb,' a new inert that is said to offer special advantages heretofore unobtainable in the formulation of paints.

'Witcarb' is claimed to be a finely divided, untreated, technically pure precipitated calcium carbonate that in tests and in actual use has proved to give such advantages as lower cost per pigment pound, more gallons per pound, added texture in flats, better stability in the finished paint product. It is also claimed that its use brings definite improvement in lithopone and titanated lithopone paints, and in some cases gloss paints and enamels. Specifications that make 'Witcarb' especially effective, in these formulas, the company says, are:—Specific gravity, 2.680; particle size (microns), 2-3; controlled pH, 9.0; percent residue-325 mesh, 0.114.

Golden Gate Paint Club Observes Twentieth Year

San Francisco, Apr. 25, 1941

The twentieth anniversary of the Golden Gate Paint, Varnish and Lacquer Association was celebrated today at a luncheon in the Palace hotel. A historical review of the club, entitled "Cavalcade of the Golden Gate Paint Club," was presented by Art Linkletter, local radio commentator. Many of the former presidents of the club presented highlights of their administrations.

Drugs, Fine Chemicals

Ascorbic Acid Reduced — Limited Quantity Soda Cacodylate Offered—No Change in U.S.P. Castor Oil—Bismuth Salts Reduced—Quinine Surcharge Up

While price activity in the market for drugs and fine chemical was not extensive last week, the developments affected materials of substantial importance. Leading the developments were the advances made in the surcharges on all products derived from cinchone bark—quinine, quinidine, quinine and urea hydrochloride, cinchonine and cinchonidine. No further advance was made in prices on castor oil following the rise reported late in the previous period. Castor beans were higher. Ascorbic acid was reduced despite excellence of demand. All vitamin items showed a high level of demand and the special scarcity of nicotinic acid was unrelieved. Three bismuth salts were reduced.

An important change in sales conditions was the quoting of completely denatured alcohol on a delivered basis. Former quotations had been on a works basis. Specially denatured alcohol formulas remained on a works basis. Alcohol packaged in barrels now commands a 2c. per gallon premium over the drum price in place of the former 1c. differential.

Quicksilver sales were slow on spot, but important suppliers on the Pacific Coast were reported to be buyers of all metal available. Tartar products continued strong, but lacked price change. Minor alkaloids were in very moderate supply and the market lacked signs of competition.

In view of the interest of many in the effect of the present European war on prices, a tabulation on page 25 of this issue gives quotations in August, 1914, the high point during the world war, and the prices prevailing April 25.

Price Changes

Advanced

Castor beans, $1 per long ton
Castor oil, No. 3, ¼c. per lb.
dehydrated, 1c. per lb.
Cinchonidine surcharge, 1½c. per oz.
Pilocarpine, 25c. per oz.
Quinine surcharge, 1½c. per oz.
Quinine-Urea hydrochloride, 1½c. per ounce.

Reduced

Ascorbic acid, 15c. per oz.
Bismuth subnitrate, 28c. per lb.
subcarbonate, 23c. per lb.
subgallate, 28c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
209.1	209.1	207.7	200.2

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Ascorbic.—Down 15c. Market $1.85 to $2.10 per ounce. Excellent demand.

Acid, Boric.—Jobbers report good call at full prices.

Acid, Citric.—Buyers for export paying premium in second hand market. Producers meeting all domestic consumer needs.

Acid, Nicotinic.—Producers behind in filling orders. Expect return to normal deliveries in not too distant future. Heavy consumption by flour millers the cause.

Acid, Tartaric. — Prices holding strong. Resales around 70c. per pound when goods are available. Producers strive hard to fill actual domestic consumer needs.

Alcohol.—Quotations on C. D. No. 14 on delivered basis. Higher prices fully maintained. Market strongly reported. Demand excellent and believed destined to increase. Barrel packing now 2c. over drums.

Aloin.—Strong situation. No shading. Normal demand.

Atropine.—Call excellent along normal lines. Stocks in moderate reserve. No competition.

Bismuth Metal and Salts. — Lower. Subnitrate, $1.20 per pound; subcarbonate, $1.50; subgallate, $1.40. Competition. Metal firm, unchanged.

Borax. — Outlook for rising consumption. Some rumors of higher prices, third quarter, circulating.

Bromine and Bromides.—Sales fully normal in volume. Prices confirmed. Reported steady.

Bromoform.—Prices confirmed and reported firm. Normal demand.

Caffeine.—Most suppliers of citrated material report inability to accept all business. Price nominally $2.30 per pound. Resale goods in small lots held at $4.25 per pound. Alkaloid strong. All orders subject to confirmation of acceptance.

Castor Oil.—Beans higher at $59 per long ton. No. 3 oil advanced to 9¼c. per pound, tanks, late in previous period. Dehydrated item also up to 13½c. in tanks. Cold pressed U.S.P. oil unchanged at 9½c. in tanks.

CHICAGO, April 23.—Castor oil prices are:—Cold pressed, U.S.P., barrels, car lots, 10⅝c. per pound; barrels, less than car lots, 11⅜c.; returnable drums, car lots, 10⅜c.; drums, less than car lots, 11⅛c.; tanks, 9⅜c.; extracted, No. 3, barrels, car lots, 10⅛c.; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9c.; drums, less than car lots, 10⅜c.; tanks, 9⅜c.

Cinchonidine. — Price unchanged. Surcharge advanced to 8½c. per ounce. Covers increased import charges.

Cinchonine.—Surcharge up to 8½c. per ounce. Price schedule unaltered. Import charges higher.

Cocoa Butter.—Practically nominal at 24c. per pound. Producers virtually sold up to end of year. Only secondhands have spot goods.

Codliver Oil.—Strong prices. Not very active market. Buyers awaiting production results and offerings.

Cyclohexane.—Consumption maintained at full recent volume. Firm.

Cyclohexanol.—Volume rising moderately. Very firm.

Cyclohexanone.—Business normal but very steady.

Fish Liver Oils.—Still strong and not too readily obtainable. Pending new production to start in not far distant future.

SAN FRANCISCO, April 23.—Market activity in vitamin oils had a further tendency to lag. Prices eased off moderately. Buyers' inventory positions fairly comfortable. New crop shark

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Amer. Drug Mfrs. Ass'n, May 5-8, White Sulphur Sprs.
Proprietary Ass'n, May 12-14, New York.
Purchasing Agents Ass'n, May 26-29, Chicago.
Toilet Goods Ass'n, June 9-11, New York.
Amer. Phar. Mfrs. Ass'n, June 23-27, Swampscott, Mass.

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Baker's ingenious manufacturing facilities —Baker' methods of control and packaging— enable you to have a Milk of Magnesia of greater solution creaminess, one that has greater viscosity and colloidal dispersion. Write for prices and free testing samples. Also instructions as to best methods of use.
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Also other grades—Stocks in principal cities
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FISH LIVER OILS
THE ATLANTIC COAST FISHERIES COMPANY
111 JOHN STREET, NEW YORK, N. Y.

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SODIUM BENZOATE "SEYDEL" U. S. P.
SEYDEL CHEMICAL CO., Jersey City, N. J.
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Manufactured in our Newark factory from pure natural raw materials. Preferred by buyers everywhere because of its freedom from objectionable odors.
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livers will be available in better quantity shortly.

Ruling prices are:—

CRUDE SOUPFIN SHARK LIVER OIL.—High potency, 100,000 USP units vitamin A per gram, 7½c. to 7¾c. per million units, f.o.b. Pacific Coast, in drums; medium potency, 50,000 to 80,000 units, 6¼c.; 25,000 to 50,000 units, 5½c.; lower potency, upwards of 10,000 units, 4¾c.

CRUDE TUNA LIVER OIL.—Ranging in potency, 20,000 USP units vitamin D per gram, 55c. per million units.

Formaldehyde.—Demand ahead of producers' ability to meet in full measure. Regular customers receive first attention. Many users getting supplies in secondhand market at prices above official schedule. Brokers complain about inability to get goods from makers.

Glycerin. Very firm. Excellent consumption. Market for production as it comes from the plants. No price shading. Needs being supplied with fair promptness.

CHICAGO, April 23.—Glycerin prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums; car lots, 13c.; drums, less than car lot; high gravity, 11¾c. per pound, tanks; 12c. drums, car lots; 12½c., drums, less than car lots.

Hydrogen Peroxide.—U.S.P. moving normally at full prices. Supply meeting demand with little difficulty now.

Iron-Ammonia Citrate. — Demand fully up to normal volume. Firm.

Magnesia. — Firm and apparently stable. Demand excellent. Likely to grow, say producers.

Magnesium Trisilicate. — Schedule apparently stabilized. Firm undertones. Good request.

Mannitol.—Producer's schedule continued unchanged.

Mercurials.—Values holding, reflecting absence of definite turn of raw material prices in favor of manufacturers. Demand normal.

Methanol.—Situation seemed getting tighter. Reported production curve dropping in some instances. Producers maintaining full price schedules.

Methyl Acetone.—Not too much available. Some sellers getting substantial price premium. Intimated that further advance may come.

Methylethyl Ketone.—Very steady. Little competition. Firm prices.

Molasses.—Blackstrap prices firm at all points. Consumption running high. Tendency upward.

Opium.—Reserve stocks being husbanded. Near East situation precludes getting shipments from primary markets.

Paraformaldehyde. — Sellers' reserved. Serving regular customers only. Prices strong. No surplus of supplies.

Phenyl Hydrazine.—C.P. base and the hydrochloride very firm. Business routine at normal volume.

Pilocarpine.—Selling around $4 per ounce and very firm.

Potash Bicarbonate.—U.S.P. very firm. Domestic production finds active consuming market.

Quinidine.—No change in price. Surcharge advanced to 8½c. per ounce. Rise of 1½c. covers higher import charges.

Quinine.—Surcharge up 1½c., making it 8½c. per ounce to cover higher import charges. Buyers pay 75½c. total price for sulphate.

Quicksilver.—Holding steady. Some talk of further price concessions as production grows. Depends of producers' ability to achieve an unsold stock reserve. Little buying anywhere.

SAN FRANCISCO, April 23.—Very difficult to trace quicksilver sales here. Major sellers reported in the market for supplies themselves. Cannot get metal in satisfactory quantities, apparently. Mines still behind on delivery dates against contracted material. Receivers urging prompt shipment. Several worthwhile inquiries reported to have been in market last week, buyers being interested in extended range of deliveries. Meantime, spot position here named at $180 to $181.

Santonin.—Demand expanding. No surplus stocks held by sellers. Values may be forced up.

Saponin.—Very firm. Little competition. Nothing more heard of projected production in Texas.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	24	34¾	23½
Monday	24	34¾	23½
Tuesday	24	34¾	23½
Wednesday	24	34¾	23½
Thursday	24	34¾	23½
Friday	24	34¾	23½

Soda Cacodylate.—Two pounds offered spot at $27 per pound, subject to prior sale. Item virtually extinct from market.

DCAT Outing Set for Oct. 23-26

October 23 to 26 has been selected as the date of this year's Fall outing-meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. Skytop, Pa., will again be the place.

John J. Toohy, of E. R. Squibb & Sons, chairman of the section has named Victor E. Williams, of the Monsanto Chemical Company; John P. Remensnyder, of the Heyden Chemical Corporation; S. Barksdale Penick, jr., of S. B. Penick & Co.; and John C. Ostrom, secretary of the section, to constitute the program committee for this year's affair.

Merck Acquires Building For Warehousing Purposes

Merck & Co. has entered into a contract for the purchase of adjacent land and buildings owned by the Royal Manufacturing Company on East Grand avenue, above Montgomery street, Rahway, N. J., consisting of a five-acre plant including a group of buildings containing a total floor area of about 60,000 square feet. Upon formally acquiring title to the property about the middle of June, Merck will make extensive alterations to the Royal property in adapting the buildings for packaging and warehousing purposes.

"Modern Store Fronts" is the title of an informative article by E. A. Lundberg, of the Pittsburgh Plate Glass Company in the March-April number of *Pittsburgh Plate Products.*

VEGETABLE LECITHIN
Tartaric Acid
Cream of Tartar
Rochelle Salt
Saponin
Acetic Anhydride
Ethylene Diamine
Citric Acid
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ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
59 BEEKMAN STREET, NEW YORK CITY

Drug Wholesalers Told What Retailers Want

—*Continued from page* 3

To finance this project a circular letter was got out by the chairman of the Advisory Committee on Wholesale Distribution, known as "Letter to Wholesaler." Each national wholesale trade association was sent sufficient copies of the material with envelopes addressed to the treasurer of the Advisory Committee on Wholesale Distribution, and asked to forward to all their members with a word of approval. All active members of the N.W.D.A. were mailed this material and asked to send check for not less than $10 to the treasurer of the Advisory Committee, 1615 H street, Washington.

One of the objects of the commission is to prevent speculative buying and excessive inventories. Remembering our experience of declines in 1921, very few of us need to be cautioned. With the billions now being spent for defense it is estimated that the average additional business for each retail drug store will be increased annually by more than $3,000. With this extra volume the drug business has great possibilities for 1941. Let's help the retail drug stores do a better job.

Aid for Retailers

Data gathered from some 200 retail druggists were presented by Dan Rennick, of Topics Publishing Company, in a question-and-answer seance on what retailers expected wholesalers to do in helping them make more money. (The same question relative to manufacturer-wholesaler relations was at another time answered simply: —"More discounts!") It was postulated that drug stores aren't what they used to be so that 5-and-10, and toiletbars, and other newer distributors can and do snatch away a lot of business that the druggist would like to have along with what he has detoured from other sorts of stores. It was noted also that fair trade has made it necessary that the successful retailer have more business intelligence in order to compete in something besides prices.

There were twenty-three wants, or prayers, among the aids sought by retailers from wholesalers. These were in part educational, in part equipmental, and in smallest part merchandising. They ranged all the way from "Why doesn't the wholesaler tell me how to get more women customers into my store?" to "I want the wholesaler to send an expert to show me how to analyze competition and what to do about it?"

Talking about his company's informative folders, "How Human Beings Behave as Drug Store Customers," Harvey Manss, president of the Bayer Company, said they were designed to get the druggist to think things out for himself. A McK. & R. man said the idea was to get the druggist to go to work. The calls for aid indicated a preference for letting "George do it."

Market Analyzing

An "Information Please" discussion of what wholesalers and manufacturers respectively thought the one group should do for the other covered thirteen points. The opinions were many, and some of them were long. It was almost wholly agreed that manufacturers should consult more with wholesalers on contemplated deals and drives and give the latter more time to get going, also that wholesalers could join more enthusiactically and effectively in the pushing of special promotions.

The perennial problem of handling free deals was as green as ever. Opinions split three ways as to the best method in deals really made to fit retailers' purchases; some favored inventory; some wanted debits; some were for a different sort of chargeback. There was a long argument also on how turnover orders might be more simply and cooperatively handled.

Consideration of outlets outside the drug trade, given at length by Charles Luckman, of the Pepsodent Company, indicated a trend toward the selling of 25-cent and 50-cent sizes to the 15,000 syndicate stores in the smaller towns. F. R. Cawl, of *Farm Journal and Farmer's Wife*, told a lot about the type, quality, and quantity of buying in rural sections and how these could be influenced.

Market Analyzing

Prof. H. C. Nolen, of the commerce faculty of Ohio State University, ex-

ALL GRADES OF **REFINED GLYCERINE**

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DYNAMITE

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Carbromal
Chlorbutanol
Chloro Iodo Oxyquinolin
Cinchophen
Cysteine Hydrochloride
Cystine
Diacetylamino-Azotoluol
Epinephrine and Salts
Glutamic Acid
Histidine Hydrochloride
Hydroxyquinoline and Salts
Isobutyl-p-Aminobenzoate
Lecithin from Eggs
Magnesium Peroxide 25%
Nicotinic Acid
Nucleinic Acid
Pentobarbital Sodium
Phenetsal
Phenobarbitals
Phenylsemicarbazide
Procaine Hydrochloride
Propyl-p-Aminobenzoate
Quinine Iodobismuthate
Quinolinic Acid
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Sodium Nucleinate
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CINCHOPHEN SODIUM
DEXTROSE
ETHYL GLYCOCOLL HYDROCHLORIDE
IODOXYQUINOLIN SULPHONIC ACID
NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
PHENOBARBITAL
PHENOBARBITAL CALCIUM
PHENOBARBITAL SODIUM
SODIUM DIPHENYL HYDANTOINATE
TETRA-IODO-PHENOLPHTHALEIN SODIUM
THEOPHYLLINE
BROMSTYROL
CINNAMIC ACID
DIACETYL
METHYL CINNAMATE
METHYL PHENYL ACETATE
PHENYL ACETIC ACID
BENZALDEHYDE
BENZYL ALCOHOL
BENZYL CHLORIDE
BENZYL CYANIDE
DIETHYL MALONATE
DIMETHYL UREA
DI-NITRO CRESOL
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CYANO ACETIC ACID
ETHYL CYANO ACETATE
8—HYDROXYQUINOLIN
8—HYDROXYQUINOLIN—5—SULPHONIC ACID

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132 FRONT STREET NEW YORK, N. Y.

ANNOUNCING . . .

S. B. PENICK & COMPANY
50 Church Street
New York, N. Y.

Our New Calling Card:

Every member of the Penick organization expresses his appreciation to those customers whose gracious cooperation, past and present, have made possible our continued development, the steady expansion of our warehousing, milling and production units. We hope to be of more and greater service to you.

The Executive and Sales Offices of S. B. Penick & Company have moved into a new home. Spacious, efficient and highly convenient quarters have been obtained in the Hudson Terminal Building, New York, located at 50 Church Street.

S. B. PENICK & COMPANY 50 CHURCH ST., NEW YORK, N. Y. 735 W. DIVISION ST., CHICAGO, ILL.

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

plained the processes of sales forecasting, pointing out the variables of territory and time and emphasizing the unsatisfactoriness of speculation. He also told how he had found best to select national indicative data and their conversion to index numbers. The fundamental influences of (1) past sales, (2) general business conditions, (3) potential market, (4) changes in sales policies, and (5) competition were duly presented and appraised.

Professor Nolen said that his two books on drug store merchandising and drug store accounting will be published this summer. These, he said, would provide druggists with the sort of textbooks for which they continuously expressed a need.

Dr. F. B. Snyder, president of Northwestern University, introduced by S. DeWitt Clough, president of Abbott Laboratories, in an address, "American Youth in College and University," explained what college students are like and what educators are trying to do with them. He minimized the existence and influence of Communism in colleges and universities, and averred that the higher educational purpose was to develop social, as well as intellectual, tolerance along with equipment; to inculcate a spirit of doing duty.

Dr. Robert J. Swain, of Topics Publishing Company, gave an address on the service of the drug industry to mankind.

Drug Manufacturers to Hear Concannon, McNutt, Anslinger

The third general session at the thirtieth annual meeting of the American Drug Manufacturers Association, to be held in the Greenbrier, White Sulphur Springs, West Va., May 5-8, has as its speakers Charles C. Concannon, of the Bureau of Foreign and Domestic Commerce, who was originally scheduled to talk at an earlier session; H. J. Anslinger, commissioner of narcotics, and Paul V. McNutt, administrator, Federal Security Agency.

Crown Drug Company, Kansas City, March sales totaled $720,283, against $702,034 in March last year.

Imported Beef Livers Dutiable as Meats

OPD Washington Bureau
April 22, 1941

Imported beef livers, in spite of the fact that they possess therapeutic properties and are for use in this country in the manufacture of medicinal preparations, are dutiable as meats, it was held today by the United States Court of Customs and Patent Appeals.

The case was filed by F. W. Myers & Co., after the Collector of Customs at Rouses Point, N. Y., assessed duty on the shipment of liver under the provision of the tariff act calling for duties to be payable on all meats, whether fresh or frozen. The appellant claimed that no duties should be paid on the grounds that the liver was imported for use by the Lederle Laboratories, Inc., Pearl River, N. Y., in the manufacture of liver products used in the treatment of pernicious anemia and products containing vitamins, some of which are obtained from liver.

The court pointed out that the beef liver in question was of the same class and kind as beef liver consumed as meat food in the United States, and that therefore the specific purpose for which the merchandise was imported and the use to which it was put furnish no basis for holding that the classification as meat rather than a drug was erroneous.

DCAT Names C.G. Frailey Washington Representative

The Drug, Chemical and Allied Trades Section of the New York Board of Trade has engaged Carson Gray Frailey, Albee building, Washington, to handle certain affairs of the section in relation to the Federal government.

John J. Toohy, chairman of the section, said that he felt confident the members would find Mr. Frailey's services most helpful because of his wide acquaintanceship in Washington and his knowledge of problems of the industry.

Mr. Frailey, son of Carson P. Frailey, executive vice-president of the American Drug Manufacturers Association, is a graduate of Johns Hopkins University, holds a law degree from the University of Maryland, and is at present lecturing on pharmaceutical law at Temple University. He has already taken up his new duties.

Eastman Kodak Issues New List of Organics

The 1941 edition of the well-known Eastman Organic Chemicals has been issued to be effective May 1. It is in a new plastic-clip binding and has twelve more numbered pages than were in the 1940 edition. The new edition is No. 32.

One hundred forty-six new items are contained in the regular list in this edition, and there are twenty more in a supplementary list. In addition to the special reagents listings carried in last year's edition, the new issue contains special lists of sugars; vitamins, sterols, and related products; hydrogen ion indicators; liquids for refractive Index Determinations; alkaloids; amino acids; and carcinogenic hydrocarbons. The total number of different chemicals is more than 3,400.

This comprehensive catalog of organic chemicals is published by the Chemical Sales Division of the Eastman Kodak Company, Rochester, N. Y.

Minn. Governor Approves Repeal of Paint Licenses

St. Paul, April 23, 1941

A bill asking the repeal of the 1937 Minnesota act requiring the examination and licensing of contracting and journeymen painters, decorators and paperhangers has been approved by the governor. The Wisconsin Supreme Court has declared the Wisconsin act requiring the examination and licensing of contracting painters, decorators and paperhangers, unconstitutional by a vote of four to two. The 1941 Wisconsin Legislature had repealed this regulatory act.

Licensing bills in New Jersey, Michigan, Pennsylvania, Connecticut and Missouri, are pending.

Trade Briefs

McKesson & Robbins, Inc., sales in the drug and sundries department for the first quarter amounted to $31,188,603, an increase of 10.26 over the similar period 1940.

Bristol-Myers Company, Hillside, N. J., plant employees are now treated to broadcast of both swing and symphonic music for a total of four hours out of each working day, as a side benefit of a recently installed ultra-modern paging system.

Tilden Company, pharmaceutical manufacturer, New Lebanon, N. Y., will locate its St. Louis branch in larger, more convenient quarters at 1927 Washington avenue, May 1. The branch has been in operation since 1893 and is now at 3318 Choteau avenue.

Citrus by-products industry is being advocated in Palestine because difficulties experienced because of the war in marketing the expanded citrus fruit crop. Among the products proposed to manufacture are alcohol, acetone, calcium citrate, and fertilizers.

Surgical gauze varieties will be reduced to 26, under a proposal by the standing committee in charge of simplified practice recommendation R86-37. National Bureau of Standards has mailed copies of the draft to interested parties for consideration and approval. The revision becomes effective June 1.

Carle M. Bigelow, director of the pharmaceutical department of the Calco Chemical Division of the American Cyanamid Company, spoke April 22 before the Somerville (N. J.) Exchange Club at its regular luncheon. Mr. Bigelow's talk was principally devoted to the development of sulphanilimide and its related compounds, and he told that the Calco company was the first American producer of these drugs. Some of the research activities that have recently produced two new members of this family, sulphaguanidin and sulphadiazin, were also described.

Botanical Drugs, Spices, and Gums

Gum Arabic Rises and Market Becomes Nominal Pending Developments — Hempseed Sterilization Plant Closed by Navy Yard Expansion—February Exports Fair

Some slackening of activity appeared to have developed in the market for botanical drugs last week. The recession was not major in size nor was it important enough to forecast a change in the general trend of the market. So far as domestic drugs were concerned, such a development would not be entirely unusual as a forerunner to the revival of major activity in the domestic collection centers. Prices continued to show strength and stability.

Gum arabic was somewhat of a feature. Failure of goods to arrive from the source was complicated by the continued inability of shippers to get goods, now at Mombassa, started to the United States. Some sellers withdrew and all counted the market temporarily nominal.

A minor crisis developed in hempseed. This item must be sterilized before going into consumption. Only one plant does this work here and expansion of the Brooklyn Navy Yard has forced its closing. Pending acquisition of a new location, the minor crisis arising from lack of normal flow of stocks is likely to continue.

Despite the war, the United States is still doing a very fair export business in botanical drugs in crude form. According to the Department of Commerce figures for February, 1941, a total of 298,181 pounds were exported. The following countries occupied a position within the first ten in point of size of exports to them:—Canada, 117,282 pounds ($19,081); Argentina, 31,342 pounds ($6,454); Union of South Africa, 29,829 pounds ($4,663); United Kingdom, 28,794 pounds ($3,863); Switzerland, 24,071 ($2,923); British India, 11,173 ($5,696); Australia, 8,947 pounds ($6,857); Mexico, 8,844 pounds ($2,559); Brazil, 8,288 pounds ($1,820); and Uruguay, 4,105 pounds ($1,741).

In view of the interest of many in the effect of the present European war on prices, a tabulation on page 25 of this issue gives quotations in August, 1914, the high point of prices during the World War period, and the quotations prevailing as of April 25, 1941.

Balsams

Peru.—Firmer, stronger and higher. Market 75c. to 80c. per pound.

Tolu.—Firm. Good, steady demand. No exceptional supply.

Barks

Cascara Sagrada.—Basically, fundamentally strong due to collection conditions. February exports were 6,700 pounds to Australia; 1,120 pounds to Union of South Africa.

Elm.—Collection expected to be normal. Quiet, steady market.

Sassafras. — Collection activities stimulated in South. Carryover less than expected, according to some.

Soap.—Steady. Fair activity. Well maintained prices.

Wild Cherry.—Low prices may curtail collection. Current market normally slow.

normally slow.

Beans

Tonka.—Prices confirmed and declared well stabilized.

Vanilla.—Reported arrival of 12,839 pounds from France in February misleading. Indicated here that the beans were withdrawn from bonded warehouse. Some of the other beans reported as arrived in February may have been removed from bonded warehouse. Market strong.

Berries

Cubeb.—Firm undertones. Moderate supplies. Replacement uncertain.

Sloe.—Future arrivals from Russia

Price Changes

Advanced

Arabic gum, sorts, 1½c. per lb.
Caraway seed, 1c. per lb.
Cardamom, decorticated, 5c. per lb.
green, 20c. per lb.
Celery seed, Indian, 1c. per lb.
Clove, Madagascar, ½c. per lb.
Hemp seed, cleaned, ¼c. per lb.
Mustard seed, California yellow, 1c. per lb.
Nutmegs, grinding, ½c. per lb.
Peru balsam, 5c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
small berry Muntok, ¼c. per lb.

Reduced

Mustard seed, English yellow, 1c. per lb.
Pimento, Mexican, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
250.4	250.4	250.6	193.5

Market news that may have developed after this report was sent to press will be found on page 4.

Imports and Detentions

Entries of botanicals at the port of New York, since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	...	693
Belladonna	19	19
Caraway	...	207
Caradmom (cases)	...	1,277
Celery	35	61
Coriander	12,446	24,508
Cumin	2,989	5,658
Digitalis leaves (cases)	...	...
Dill	3,118	11,660
Fennel	130	982
Henbane leaves (bales)	...	20
Mustard	...	3,809
Poppy	136	1,047
Sage leaves (bales)	...	3,084
Sesame	540	656
Stramonium	...	...
Thyme	332	451

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Amer. Spice Trade Ass'n, May 12-14, *New York.*
Amer. Phar. Mfrs. Ass'n, June 23-27, *Swampscott, Mass.*

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✓ BENZOIN GUM
✓ BUCHU LEAVES
✓ CALAMUS ROOT
✓ CUDBEAR
✓ CINCHONA BARK
✓ DAMIANA Select
✓ DIGITALIS (118% Active)
✓ DOGGRASS CUT
✓ ERGOT (140% Active)
✓ EUPHORBIA PIL.
✓ FENNEL SEED
✓ GALANGAL ROOT
✓ GINGER
✓ GUAIAC GUM Glassy
✓ HAWTHORNE BERRIES
✓ HOREHOUND
✓ IPECAC ROOT
✓ IRISH MOSS
✓ KOLA NUTS
✓ MYRRH GUM
✓ OLIBANUM GUM
✓ ORANGE PEEL
✓ ORRIS ROOT
✓ PAPAIN
✓ PEPPERMINT
✓ PSYLLIUM SEED
✓ QUASSIA
✓ QUINCE SEED
✓ RHUBARB ROOT
✓ SANDALWOOD
✓ SARSAPARILLA
✓ SENEGA ROOT
✓ SENNA LEAVES
✓ SLOE BERRIES
✓ STRAMONIUM
✓ UVA URSI
✓ WILD CHERRY BARK
✓ PALE ROSE BUDS

◆ ◆ ◆ ◆ QUOTATIONS AND SAMPLES ON REQUEST ◆ ◆ ◆ ◆

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uncertain. Could be exported from Petsamo or Murmansk.

Flowers

Calendula.—Limited stocks strongly held.

Lavender.—Slowly, steadiiy growing stronger and scarcer.

Linden.—Poor stock distribution. Almost nominal market.

Pyrethrum. — Buyers held off from accepting Japanese offers. Stocks there believed large with another crop coming along.

Saffron.—Firm. Not very active.

Gums

Arabic. — Strong. Several sellers withdrawn from market. Sorts sold at 16c. Shipment afloat still stalled at Mombassa. Present market nominal.

Asafetida. — Arrivals from source and secondary markets uncertain. War conditions prevent normal exports.

Benzoin. — Firm undertones. No price shading. Moderate stocks.

Karaya. — Trouble with getting steamers arising in India. Tends to stiffen spot market.

Mastic.—Apparently steady. In good reserve, demand considered.

Myrrh.—Very steady. In fair request.

Herbs and Leaves

Belladonna.—In strong, well maintained position. Stocks moderate. Size of domestic crop uncertain.

Buchu.—Firm. Demand ordinary. Stocks gain moderately.

Laurel. — Stocks limited. Prices firm.

Peppermint. — Sturdy undertones. Limited stocks. Domestic goods main item.

Sage.—Ground Dalmation nominal at $1.50 per pound. Acute shortage prevails. Likely to continue.

Miscellaneous

Ergot.—Steady to firm. Conservative demand.

Irish Moss.—Domestic moss being pushed. Firm market.

Nux Vomica. — Stronger position maintained. Replacement cost strong factor.

Roots

Althea.—Nominal market. Practically none offered.

Belladonna.—Strong. Small stocks. Prices subject to confirmation.

Gentian. — Showing renewal of strength. Tendency up.

Licorice. — Situation slightly less tense.

Seeds

Caraway.—Higher at 66c. to 68c. per pound.

Cardamom. — Decorticated up to $1.15 to $1.20 per pound. Green, $1.25 to $1.30.

Celery.—India seed sold at advance to 50c. to 51c. per pound.

Hemp.—Shortage created by inability to sterilize seed. Sterilization plant closed. Seeking new location. Price up to 6½c. to 7c. per pound.

Mustard.—California yellow up to 16c. to 16½c. per pound. English yellow shaded to 26c. to 27c.

Spices

Clove.—Madagascar up to 21½c. to 22c. per pound.

Nutmegs.—Small East India grinding item higher at 15½c. to 16c. per pound.

Paprika.—Some unsettlement. Stocks increased. Subject to shading.

Pepper.—Black Lampong 6⅝c. to 7c. per pound. Firm. White Java Muntok, 12¼c. to 12½c. Small berry Muntok, 11¾c. to 12¼c. Red peppers firm.

Trading in black pepper futures on the New York Produce Exchange from April 19, to April 25, inclusive, comprised 336 contracts. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
May	6.55	6.38	6.53@6.55
July	6.62	6.50	6.58 sale
September	6.75	6.52	6.66@6.69
December	6.80	6.63	6.77@6.80

Pimento. — Jamaica spice very scarce. Prices subject to confirmation. Mexican spice 13c. to 13½c., spot or future.

Spice Trade Ass'n To Convene May 2

—Continued from page 4

immediately after the completion of each address:—

"The Pepper Futures Market on the New York Produce Exchange," Ernest H. Winter, of the H. P. Winter & Co. and Edward B. Polak, of the Polak Trading Company.

"How We Reach the Consuming Public," Miss Amy Vanderbilt and Josef Israels II.

"Spice Ethics," Carl A. Bruch, Chicago.

"Domestic Production of Spices and Spice Seeds," George L. Curtin, of George L. Curtin & Co.

"Future Prospects of Spices," Avery F. Payne, of Avery Payne & Co.

"The Responsibility of the Grinder in Merchandising Small Packages"; speaker to be announced.

"Recent Trend of Distribution of Bulk Spices; speaker to be announced.

Availability of supplies with relation to shipping and insurance:—The Far East, I. B. Catz; Europe and Mediterranean, John A. Sokol; Africa, A. Joensson, and West Indies, Wm. Archibald, jr.

Justin W. Dart, general manager of the Walgreen Company, Chicago, has been elected a director of the United Air Lines Transportation Corporation.

Owens-Illinois Rx Ware Sales Headed by Kiger

Charles J. Kiger, who has been actively engaged in a variety of sales activities with Owen-Illinois Glass Company, Toledo, and its subsidiary the Libbey Glass Company during the past eight years has been promoted to the position of salesmanager of the Owens-Illinois prescription ware division. Mr. Kiger succeeds William T. Allen who resigned to take a new position with Topics Publishing Company, New York.

Charles J. Kiger

A native of Paducah, Ky., Mr. Kiger joined Owens-Illinois after graduating from Dartmouth College in 1933, where he majored in business administration and finance. After several months in sales and factory training, Mr. Kiger went into the prescription ware division as a field representative and in 1935 became a salesman in the New York office assigned to wholesale drug accounts. In 1938 he was made Eastern salesmanager of the prescription ware division and subsequently joined the New York sales force of the Libbey Glass Company.

P.R. Dreyer Opens Boston Office Under F.O. Snyder

F. Omo Synder has been placed in charge of the new Boston office of P. R. Dreyer, Inc., essential oils and aromatic chemicals, this city. The new offices are at 10 High street in the Rice building, from which headquarters Mr. Snyder will contact the New England trade. Mr. Snyder has been well known for many years to the essential oil trade in the Cincinnati and Chicago areas.

Another development in the Dreyer sales organization is the attachment of George T. Denby, formerly St. Louis representative for the company, to the New York office, where he will take over sales contacts in the metropolitan district.

Cotacol Vitamin Company is the firm name under which John McCleary Tees has obtained a certificate to conduct business at 6305 Yucca street, Hollywood, Calif.

Penick & Co. Moves To 50 Church Street

S. B. Penick & Co., botanical drug house, is now established in new offices at 50 Church street, this city. The new location is in the Hudson Terminal Building, which is served by three subway systems and a fourth is reasonably close by.

The new offices are on the sixteenth floor and overlook the Hudson river. An interdepartmental communication system of the latest and most efficient design has been installed. Excellent provision has been made for housing the company's commercial herbarium and collection of historic pharmaceutical jars and mortars.

Since S. B. Penick, sr., founded the company, expansion of its volume of business has compelled it three times to secure larger office space. By moving to 50 Church street, overcrowding of departments has been ended and ample provision made for future growth of the business.

Toilet Preparations Exports In February Tabulated

The value of United States exports of toilet preparations during February, according to the Bureau of Foreign and Domestic Commerce, was as follows:—

Classification.	Value.
Dental creams	$155,723
Other dentifrices	10,728
Talcum powder in packages	29,397
Face and compact powder	41,869
Cold creams	8,706
Vanishing creams	6,532
Other creams, lotions and balms	20,325
Rouges	13,082
Lipsticks	51,512
Other cosmetics	12,745
Manicuring preparations	16,105
Depilatories and deodorants	6,552
Hair preparations	56,770
Perfumery and toilet waters	25,900
Other toilet preparations	23,904

Drug store chains have been forbidden further expansion in New South Wales, Australia, by recently enacted legislation. Transfer of chain ownership also is prohibited.

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Essential Oils, Aromatic Chemicals

Seed Oils Strong and Advancing—Citronella Higher With Sellers Reserved—Anise Shaded—Spearmint Down—Cananga Strong at Rise—Sweet Almond Up Again

Essential oils and aromatic chemicals were very active throughout the past week. Prices continued their upward trend and the market lacked the least signs of unsettlement. Stocks of natural products continued to shrink and in many instances each sale was followed by an advance in prices. The week closed strong and the future appeared to be committed toward continued advance in practically all values on oils. Aromatic chemicals were increasingly in demand and the price structure gained substantial strength.

Seed oils were conspicuous for strength. Higher quotations developed on caraway (which was virtually unobtainable), cardamom, and celery oils. A feature was the very wide spread between sellers' minimum and maximum views.

Angelica root oil was in very low supply and the price range was wide following an advance. Camphor oil showed renewal of strength and sellers displayed reserve while asking higher quotations. Cassia was especially strong and minimum sellers expected to raise prices still further. The price range was wide. Java and Ceylon citronella brought higher prices and the price range widened. Holders of Java oil were far from anxious sellers. Petitgrain was higher again on wider activity. Lower quotations on anise, Florida orange, spearmint and southern sweet birch were indicative of a slightly more competitive position.

In view of the interest many have in the effect of the European war on spot prices, a tabulation on page 25 of this issue gives quotations in August, 1914, the high point during the World War, and prices prevailing on April 25, 1941.

Essential Oils

Almond.—Sweet higher at $1.55 to $1.95 per pound, as to sellers. Declared locally that one California producers sold entire stock to two spot houses around $1.35 per pound.

Amyris.—Steady but dull. Limited stocks have narrow distribution.

Angelica.—Higher by $10 per pound. Market, root oil, $135 to $150 per pound. Scarce.

Anise.—Shaded to 80c. to 85c. per pound under competition.

Bay.—Quoted $1.10 to $1.30 per pound, 50-55%; 55-60%, $1.20 to $1.45. As to seller.

Bergamot.—Scarce and nominal. Holder could set almost any price and have no competition. Most business done in artificial item.

Bois de Rose.—Higher at $2.15 to $2.60 per pound as to seller. Very firm undertones. Sellers developing reserve.

Camphor.—Slightly higher. Sassafrassy, drums, 21c. to 22c. per pound; cans, 24c. to 25c.; white, drums, 24c. to 27c.; cans, 27c. to 30c. Moving well.

Cananga.—Higher due to replacement position. Native, $5.50 to $5.75 per pound. Rectified, $6 to $7. Range covers difference in sellers' price views.

Caraway.—Strictly nominal. Quotation $9 per pound, nominal and subject to confirmation. Almost extinct here.

Cardamom.—Advanced to $22 per pound, minimum. Range to $27 as to seller. Strong market. Limited stocks.

Cassia.—Higher at $2.25 to $2.50 per pound. Single quoted at $2.25. Others quoted $2.35 upwards. Market strength increasing.

Celery.—Quoted $21.50, $24 to $30 per pound, as to seller. Advance stressed smallness of supply and increasing replacement cost.

Citronella.—Up moderately. Ceylon, drums, 42½c. to 50c. per pound; cans, 44½c. to 52c. Java, 41c. to 50c. Range covers difference in sellers' views. Reflects primary market strength and difficulty of transportation replacement stocks.

Clove.—Drums sold at $1.15 to $1.20 per pound. Cane, $1.20 to $1.25. Very firm due to production cost.

Coriander.—Stocks limited. Prices practically nominal.

Dill.—Seed oil, $5.25 to $5.60 per pound as to seller. Some do not offer. Weed oil, $5.50 to $5.70. Good distribution weed oil.

Eucalyptus.—Very firm. Selling steadily at full prices.

Geranium.—Entirely nominal market on Algerian and Bourbon oils.

Grapeseed.—Most inquiries for small amounts. Steady prices.

Ginger.—Steady to firm. Moderate call.

Hemlock.—Steady. In fair supply. Demand routine.

Juniper.—Open market trading at standstill. Import from Europe practically impossible. Domestic production encouraged.

Juniper Tar.—Very firm. Selling well. Little competition.

Lemon.—Good demand for domestic oil. Producers meeting test to supply home requirements. Very firm.

Lemongrass.—Very firm. Little competition. Moderate request. Sellers reserved.

Lime.—Firm in all markets. Business good. Primary markets can supply little.

Mace.—Stabilized at minimum of $2.25 per pound.

Mustard.—Demand for artificial normal in firm, stable market.

Nutmeg.—Selling steadily, mainly at $2.25 per pound. One quarter wants $2.65. Another names $2.40 minimum.

Orange.—Florida oil shaded spot to $1.50 to $1.55 per pound. California oil showing strength. West Indian production taken mainly by Great Britain.

Price Changes

Advanced

Almond, sweet, 5c. per lb.
Angelica, root oil, $10 per lb.
Bois de rose, 5c. per lb.
Camphor, 1c. per lb.
Cananga, 50c. per lb.
Caraway, 75c. per lb.
Cardamom, $2 per lb.
Cassia, 25c. per lb.
Celery, $2.50 per lb.
Citronella, Ceylon, 1½c. per lb.
Java, 2½c. per lb.
Clove, 5c. per lb.
Petitgrain, 10c. per lb.

Reduced

Anise, 5c. per lb.
Orange, Florida, 5c. per lb.
Spearmint, 25c. per lb.
Sweet birch, southern, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
196.4	196.2	178.1	106.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Toilet Goods Ass'n, June 9-11, New York.

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X In these days of exiguous supply of heretofore necessary materials, there is a bigger-than-ever need in all kinds of enterprises for special, expert advice and assistance for the finding of materials which will carry a process or a formula from the heretofore to the now. Perhaps the finding of another process or formula is called for. That sort of thing—finding this-day materials, processes, or formulas—is what the scientific and professional services adjacently offered are to be consulted for.

Aromatic Chemicals

Origanum.—Firm. Stocks genuine, primer quality oil small.

Petitgrain.—Paraguay oil up to $1.55 to $1.60 per pound, drums; cans, $1.60 to $1.65. Business expands.

Peppermint. — Apparently steady. Some local dealers guessing carryover will be substantial. Indicate that banks in primary market hold substantial stocks against loans. New crop going into ground.

Pimento.—Steady to firm. Limited competition. Fair demand.

Pineneedle.—Selling steadily at recent reduction.

Sage.—Most dealers report no stocks regular article.

Spearmint.—Lowered to $2.50 to $2.60 per pound. Slow market.

Sweet Birch.—Southern oil shaded in one quarter to $1.50 per pound. Others quote upwards of $1.85. Northern oil, steady over range $2.75 to $3.50 as to seller.

Thyme.—Depending on quality, Prices range:—Red oil, $1.55 to $2.50 per pound; white oil, $1.65 to $2.75. Most quarters offer only high quality ranging $2 to $2.50 on red and $2.15 to $2.75 on white.

Wintergreen. — Northern ranging $4.75 to $6 per pound as to seller. Southern, $3.50 to $3.85.

Acetophenone. — Steady. No price change. Normal demand.

Acid, Phenylacetic.—Firm at $1.45 to $1.95 per pound, as to seller. Good request.

Alcohol, Benzyl. — Buyers trading ahead of needs. Very firm.

Alcohol, Cinnamic.—In low supply. Sellers reserved.

Alcohol, Phenylethyl.—Fetching $2.20 to $2.30 per pound steadily.

Amyl Salicylate.—Cans, 52c. to 55c. per pound. Bottles, 65c. Firmer.

Anethol.—Steady. Raw material declining.

Anisic Aldehyde. — Raw material lower. Aldehyde very steady.

Benzaldehyde. — Prices unchanged. Practically nominal. Producers restrict sales to regular customers. Demand ahead of supply.

Benzophenone.—Fair request at full prices.

Benzylidinacetone.—Very firm. Good call. Moderate reserves.

Benzyl Acetate.—Prices confirmed. Called very steady. Good call.

Benzyl Benzoate.—Very stable market. No shading. Normal call.

Benzyl Cinnamate.—Undertones steady to firm. Volume good.

Bromstyrol.—Interest expanding considerably. Firmer.

Cinnamic Aldehyde.—More inquiry. Volume up moderately. Firm .

Citral.—Business steady at normal volume. Firm prices.

Citronellal.—Business excellent. Strength in evidence.

Citronellol.—Inquiry and sales well stabilized in firm market.

Coumarin. — Producers continue to hold prices stable. Good call.

Diphenyl Oxide.—Very firm. Selling at full prices. Dealers report excellent volume.

Ethyl Cinnamate. — Firm at recent price levels. Moderate activity.

Ethyl Vanillin.—Demand stimulated by vanilla bean scarcity.

Eucalyptol.—Raw material strength gaining. Derived item stronger.

Eugenol.—Raw material higher. Inquiries more numerous.

Geraniol.—Price range very wide, depending on seller and quality.

Heliotropine.—Fully normal business reaching producers. Dealers indicate wider activity at full prices.

Hydroxycitronellal.—Price tendency upward. Producers take stronger position.

Linalool.—Strong at late price rise. Some remain withdrawn from market.

Linalyl Acetate.—Recently quoted at $6.50 per pound reports no goods available. Market $3.20 to $4.25, as to seller and test.

Menthyl Salicylate.—Schedule fully confirmed. Outlook favorable.

Methyl Anthranilate.—Main dealer selling at $2.10 minimum. Maker's inside at $2 per pound. Demand routine but steady.

Methyl Benzoate.—Values confirmed at 70c. to $1 per pound.

Methyl Salicylate.—Firm and completely stabilized. Good call.

Phenylacetaldehyde. — Firm, well sustained undertones.

Phenylethyl Acetate.—Sustained demand for normal quantities.

Safrol.—Stocks moderate. Firm to stronger undertones.

Rhodinol.—Exceptionally firm. Domestic production meeting needs. Quoted around $25 per pound.

Strolyl Acetate. — Market at $3.10 per pound firm. Demand routine.

Terpinyl Acetate.—Quoted 80c. to 85c. per pound and steady.

Terpineol.—Drums, 27c. per pound. Cans, 30c. Firmer to stronger.

Thymol.—Makers firm. Jobbers report sustained activity at normal volume.

Vanillin. — Completely stabilized price schedule. Excellent call.

Petroleum Products

Second Advance of Year Posted for Pennsylvania Crude Oil — Another General Advance in Midcontinent Hinted — Crude Scale Paraffin Very Scarce

Pennsylvania grade crude oil was advanced by prominent buyers last week. Corning grade, which was increased April 1, was unchanged. The advance was the first since January 27 and was the second of 1941. New quotations were up fifty-five cents from the low that was paid from August 28 to November 12, 1940. They were thirty-five cents less per barrel than the peak, which was paid from January 1 to May 22, 1940, when a war demand for refined products sent prices soaring.

Following the Pennsylvania advance it was indicated in the Midcontinent that there was a strong possibility of another general increase in that area. Informed observers anticipate the higher quotations by Summer and possibly as early as May.

Crude scale paraffin was becoming harder to obtain, with many large refineries completely sold out. Prospective buyers were eyeing a large cargo of wax bought by the Italian government, which has been tied up at Savannah for more than eight months. Italy has been unable to effect delivery and it is believed probable the material will be offered for sale here. All other refined petroleum products were in good call and firm. Pennsylvania neutrals and cylinder oils were advanced again.

The Federal specification for dry-cleaning solvent has been amended (P-S-661a) to become effective August 1. Copies of the amended specification may be procured at 5 cents each from the Superintendent of Documents, Government Printing Office, Washington.

Solvents and Diluents

Aromatic Naphthas.—Offerings further restricted. Some types not available. Demand heavy. Prices firm to strong.

Cleaners' Naphtha.—Continued good demand reported. Price unchanged.

Lacquer Diluent.—Satisfactory movement to lacquer manufacturers. Price steady.

Mineral Spirits.—Offerings and demand at previous levels. Shipments fairly large and regular. New business good. Prices firm and unrevised.

Rubber Solvent.—Good movement to tire manufacturers. Inquiries fair. Price unchanged.

Stoddard Solvent.—Deliveries remained at good level. New business was normal. Price was steady and unaltered.

V. M. & P. Naphtha.—No further improvements in trade. Market well maintained at previous levels. Price steady.

Markets at Other Centers

Chicago—April 25

Some irregularity is reported but mostly the market position is fairly stable, with some materials strong, such as mineral spirits. The paint industry continues to take material of various kinds in large quantities.

AROMATIC NAPHTHAS.—Movement good, prices steady.

CLEANERS' NAPHTHA—Orders moderate, quotations holding.

LACQUER DILUENT.—Fair call, no price change.

MINERAL SPIRITS.—Demand brisk, postings firm.

RUBBER SOLVENT.—Takings good, market holding.

STODDARD SOLVENT.—Routine buying, prices steady.

V. M. & P. NAPHTHA.—Buying active, prices stiff.

New Orleans—April 25

A firm tone continued in the domestic market on cleaning solvent and V.M.P. naphtha, with quotations remaining unchanged.

CLEANING SOLVENT.—Demand routine; prices unchanged.

V.M.P. NAPHTHA.—Movement normal; no change in price.

San Francisco—April 25

Industrial raw materials derived from petroleum were found to be moving in usual good fashion here during the week. There have been no open price movements for a considerable period of time. Activity in defense work and the seasonal demand for paint makes the movement exceptionally brisk in thinners.

AROMATIC NAPHTHAS.—Demand good.

PETROLEUM THINNERS.—Brisk.

LACQUER DILUENT.—Good.

Price Changes

Advanced

Kerosene, w.w., at refinery, N.J., 2/10c. per gal.
Oil, lubricating, Pa., neutral, zero pour, 1c. per gal.
cylinder oil, 600-650 steam refined, ½c. per gal.
Paraffin, crude scale, ¼c. per lb.
Petroleum, crude, bulk, at wells, Pa., 10c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

V. M. & P. NAPHTHAS.—In very good demand.

RUBBER SOLVENT.—Deliveries to tire manufacturers good.

STODDARD SOLVENT.—Very good demand.

CLEANERS' NAPHTHA.—Routine.

Tulsa—Apr. 25

Demand for industrial specialties continues unabated, despite the higher quotations posted recently. Rubber solvent is being more actively sought.

CLEANERS' NAPHTHA.—Routine demand. Prices strong.

STODDARD SOLVENT.—Fair call, prices steady.

RUBBER SOLVENTS.—Brisk demand, prices strong.

V. M. & P. NAPHTHA.—Demand increasing, prices strong.

LACQUER DILUENT.—Demand picking up, prices strong.

Lighter Fractions

Butane.—Heavy demand remained a feature of the market. Stocks were still small and offerings necessarily restricted. Price was firm to strong.

Heptane.—Demand continued to improve and sales volume was larger. Price was steady.

Hexane.—Broader buying interest reported. Shipments heavier. Quotation unchanged.

Octanes.—Normal movement into consumption. Price steady.

Pentanes.—Buyers in the market for small amounts of material. Shipments steady. Price unaltered.

Propane.—Heavy demand, with offering small due to scarcity of supplies. Price firm to strong.

Markets at Other Centers

Chicago—April 25

Some irregularity is reported in this market but for the most part material moved in good fashion, with the price structure stable and trade conditions rather routine. Butane and propane were in best demand position.

BUTANE.—Good movement, prices stiff.

HEPTANE.—Rather normal call, no price change.

HEXANE.—Fair demand, market holding.

OCTANES.—Orders modest, steady prices.

PENTANES.—Fair interest shown, prices stable.

PROPANE.—Offerings limited, quotations firm.

Tulsa—Apr. 25

Demand for light fractions appears to be increasing for all grades following a further rise in industrial activities.

BUTANE.—Demand running high with supply limited, prices strong.

PROPANE.—Broader inquiries, prices firm.

PENTANE.—Inquiries are exceeding supply, quotations tight.

Petrolatums and Waxes

Paraffin.—The tightness in the crude scale market remained very pronounced and quotations were virtually nominal. Prospective consumers were encountering difficulty in obtaining supplies. Many refiners were completely sold out. The price of crude wax was nominal at 3½c. per pound, a ¼c. hike.

Petrolatums.—The advance two weeks ago failed to influence ordering which was fair during the period under review. Shipments were regular but were in small lots. Prices were firmly maintained.

White Mineral Oils.—The market continued somewhat quiet, with buyers ordering only small lots. Prices were steady and unchanged.

Markets at Other Centers

Chicago—April 25

Some spottiness was shown in thi market. Paraffin in both crude and refined divisions was strong and in demand. Petrolatums remained routine in general aspect, with limited interest White mineral oils were moving in modest fashion.

PARAFFIN.—Demand active, marke strong.

PETROLATUMS.—Fairly good interest prices holding.

WHITE MINERAL OILS.—Limited demand, no price change.

Tulsa—Apr. 25

Demand for waxes and petrolatums remains quiet. Crude scale paraffin was ¼c. higher.

PARAFFIN.—Market quiet, prices up ¼c. per pound.

PETROLATUMS.—Demand light, prices steady.

Fuels and Lubricants

Gasoline.—Tankcar prices unchanged at refinery. Good demand.

Kerosene.—Tankcar price advanced 2/10c. per gallon in Northern New Jersey, bringing the price to 5.2c.

Lubricating Oils.—Pennsylvania zero pour neutrals were advanced 1c. per gallon to 25½c. for the 150 viscosity and 28½c. for the 200. The 600-650 steam refined cylinder oil was ½c. per gallon higher at 9½c. to 13c.

Crude Oil Price Changes

Pennsylvania crude was advanced 10c. per barrel to $2.40 for Bradford-Allegany crude; $2.40 for crude in New York Transit lines; $1.99 for oil in Eureka lines; $2.05 for crude in Southwest Pennsylvania lines and $2.28 to $2.33 for oil in National Transit lines.

Markets at Other Centers

Chicago—April 25

Gasoline is tight and strong. Kerosene is in better call. Lubricants continue to firm up.

GASOLINE.—Insistent demand, market strong.

KEROSENE.—Fair interest, prices stiff.

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Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

LUBRICATING OILS.—Demand good, market stiffening.

New Orleans—April 25

A conservative demand continued in the domestic market on gasoline, with quotations remaining unaltered. There was no change in the demand for kerosene—the movement being normal.

GASOLINE.—Demand routine; no price change.

KEROSENE.—Market normal; unchanged price.

Tulsa—Apr. 25

Gasoline and kerosene demand continues heavy. Lubricants are in good call. All prices steady.

GASOLINE.—Demand heavy. Prices firm.

KEROSENE.—Sales volume larger. No price changes.

LUBRICATING OILS. — Better than normal call. Prices steady.

Trade Briefs

Chatham Petroleum Company, paraffine wax and petroleum products, has moved to 100 Fifth avenue, this city. Telephone:—CHelsea 2-2913-4-5.

George H. Dent has been named district engineer for the Asphalt Institute. His office will be in the Transportation building, Washington, D. C.

Magic Oil Purifier Company has been organized in Los Angeles, with a capital of $25,000. The new corporation is represented by Alvan Palmer, 609 South Grand avenue, Los Angeles, Calif.

Mexico's chamber of deputies approved a bill which would allow foreign capital a share in Mexico's crude oil development as long as national interest is protected. Senate approval is believed assured.

Bruce H. Robinson, of the General Petroleum Corp., Los Angeles, has been elected chairman for 1941-1942 of the Pacific coast district of the American Petroleum Institute's division of production.

Ohio Standard Oil has filed application with the Securities and Exchange Commission, asking permission to withdraw from registration the proposed issue of 150,000 shares of 4 percent cumulative preferred stock, registered in January.

Earl W. Webb, president of the Ethyl Gasoline Corporation, and F. H. Bedford, jr., of the Standard Oil Company of New Jersey, have been named co-chairmen of the petroleum committee for the Greater New York Fund's 1941 campaign.

Cecil Gardner, president of Automatic Gas Company, Selma, Ala., has been elected president of the Alabama Butane Gas Dealers Association. D. F. Jacobs, president of the West Alabama Butane Gas Company, Demopolis, was named vice-president and Eunice Broome, secretary to President Gardner, secretary-treasurer. The new association voted to affiliate with national association and adopted a constitution and bylaws, similar to that of the Arkansas association.

Drums Classified "Supplies" Held Not Dutiable

OPD Washington Bureau
April 21, 1941

Ordinary drums containing lubricating oil for use as ships' supplies when withdrawn from bonded warehouses for such use are classified as "supplies" and as such are not dutiable, it was ruled today by the United States Court of Customs and Patent Appeals. The drums, which contained Russian oil manufactured in Denmark, were imported into his country and stored in bonded warehouses. Later they were withdrawn from warehouse and delivered to ships with the oil in them.

DuPont Develops Deactivator For Petroleum Distillates

A new metal deactivator designed to increase the storage stability of petroleum distillates has been developed by the petroleum chemical section of E. I. du Pont de Nemours & Co., Wilmington. The company recommends it for both gasoline and fuel oils containing soluble metallo-organic compounds or soluble metal salts of organic acids in which it will counteract the pro-oxidant or catalytic effect of those contaminants.

Revenue-Raising Plans Propose More Taxes

—*Continued from page* 3

poor alike—will be called upon to share in the new tax program. Labor, he declared, should receive fair wages; the farmer should receive his proper share of the national income; and business should receive a fair profit.

Stressing that "fair" profits should be permitted industry, the secretary asserted that no business and no American should make inordinate profits out of the national emergency. He called upon the committee to revise the present excess profits tax further to reduce the possibility of any defense profiteering.

Proposed Excises

Major features of the Treasury Department's program include an increase in income tax rates, a lowering of the minimum income tax subject to surtax, an increase in excess profits tax, and new excise taxes on a number of commodities which are not essential to the defense program. Details were presented by John L. Sullivan, Assistant Secretary of the Treasury.

In the field of excise taxation, Mr. Sullivan proposed that a number of new taxes be imposed and the rates of some existing taxes be increased. The Treasury Department, he explained, has endeavored to avoid excises which would fall on the basic necessities of life and excises which, while productive, would constitute an increase in the cost of doing business and thus would be passed on to the government and the public in general price increases.

It is suggested, Mr. Sullivan told the committee, that an additional 1½ cents a package be added to the tax on cigarets, and that the rates on cigars, tobacco, and snuff, not increased since 1918, be doubled. These increases would yield approximately $200,000,000.

In the category of liquor taxation, it is proposed to impose an additional tax of $1 per gallon on distilled spirits, $1 per barrel on fermented malt liquors, and an increase of 16 2/3 percent on wines, cordials, and liqueurs, these three classes to yield collectively $178,000,000. Other increases in existing excises to yield $867,000,000 are proposed in accordance with the following schedule:—

	Estimated increases.
Gasoline, 1c. per gallon additional	$255,000,000
Soft drinks, 1c. a bottle and equivalents	132,500,000
Passenger automobiles, parts and accessories, double rates	79,900,000
Check tax, 2c. per check	57,000,000
Admissions, reduce exemptions from 20c. to 9c.	55,000,000
Tires and tubes, increase rates from 2½c. and 4½c. to 5c. and 9c.	52,500,000
Telephone, telegraph, cable, etc., lower exemptions and increase rates	40,400,000
Passenger transportation, 5 percent of amount paid (35c. exemption)	37,600,000
Telephone bill, 5 percent	28,600,000
Furs, 10 percent of retail sale price	20,700,000
Jewelry, 10 percent of retail sale price (1932 act exemption)	19,600,000
Photographic apparatus, etc., 10 percent	15,000,000
Clocks, watches, etc., 10 percent	10,000,000
Mechanical refrigerators, increase rate from 5½ percent to 10 percent	9,800,000
Sporting goods, 10 percent	8,500,000
Matches, 2c. per 1,000	7,100,000
Radio sets and parts, increase rate from 5½ percent to 10 percent	6,300,000
Toilet preparations, revise basis	5,000,000
Trunks, suitcases, and other luggage, 10 percent	4,500,000
Phonographs and phonograph records, 10 percent	4,500,000
Candy, chewing gum, 5 percent	3,600,000
Musical instruments, 10 percent	3,600,000
Bowling alleys, $15 per alley, billiard or pool table	3,400,000
Club dues, initiation fees, lower exemptions and redefine base	2,800,000
Playing cards, increase rate from 11c. to 15c	1,700,000
Safe deposit boxes, increase from 11 percent to 20 percent	1,700,000
Cabarets, 4 percent of total charge	1,000,000
Total	$867,300,000

No Sales Tax

Careful consideration has been given by the department, Mr. Sullivan said, to the relative merits of a general sales tax and a group of excises on selected commodities in the light of present requirements. In concluding against a general sales tax it was not influenced merely by a knowledge that such a tax would fall more heavily on the very lowest-income groups but also by the realization that such a tax would militate against achievement of the basic principles set forth by Secretary Morgenthau.

Aside from these general questions, he cited administrative difficulties and other technical reasons for staying clear of the general sales tax at the present time.

The Treasury Department's proposal calls for surtaxes on individual incomes starting at 11 percent after an exemption of $2,000 for a married person and ranging as high as 75 percent on incomes in excess of $5,000,000 a year.

Congressional Substitute

Meanwhile, a substitute program, easing the surtaxes on middle and lower income brackets and substituting an increase in excises over the Treasury Department's proposal has been drafted by the Joint Congressional Committee on Internal Revenue Taxation.

This program is expected to be presented to the ways and means committee immediately following the treasury presentation, and the committee has announced that it will write its own bill after receiving suggestions from all interested sources. It has also been indicated that committee members representing sections of the country which are particularly interested in specific commodities that would be hit by the proposed new excises would indulge in the usual bitter battle over what commodities should be included in the new excise tax list.

Public hearings on the program will continue for some time although it is hoped that the bill will be enacted into law by the beginning of the next fiscal year, July 1. Income taxes under the new law are expected to be retroactive to January 1 of this year and excises to take effect July 1.

Export Control for Philippines Studied

—*Continued from page* 3

sponsible for the move to block further exports.

Conferences looking toward the imposition of an export licensing system for the Philippines followed a report by the Department of Commerce of exceptionally large increases in shipments of coconut products to Japan and Russia. It was also disclosed that contracts for about 50,000 tons of copra had been let by these two countries during the past three months. Unofficial reports indicate that between November 1, 1940, and March 20, 1941, 8,268 tons of coconut oil was shipped from the Philippines to Japan, the department reported. This compared with shipments of 1,163 tons purchased by Japan during the calendar year 1940, and 1,135 tons during 1939. In addition, 13,412 metric tons of copra were sent from the islands to Japan before March 20 of this year, compared with only 100 tons during 1940, and 2,354 tons during 1939.

Shipments to Russia, which had purchased practically no coconut products from the Philippines previously, amounted to 16,173 metric tons of copra and 338 tons of coconut oil from November 1 to March 20.

Philippine shippers have had a warning from the United States High Commissioner in Manila against reexporting to foreign destinations any goods shipped to the Philippines under export licenses. Such reshipping is officially regarded as, at least, an evasion of export control.

Export Control Lists Issued as Pamphlet

—*Continued from page* 3

pigments, optical elements and instruments, and aircraft pilot trainers—all of which had been made subject to control under earlier schedules.

(4) Supplementary information which exporters are required to furnish on license applications covering metal drums and containers, and unused rubber tires and tubes.

(5) A revised list of the products for which basic affidavits need to accompany the first application for an export license. In general, this enlarges the range of products requiring such affidavits listed on page 30 of export control schedule No. 1, although modifying in some cases the periods for which record of past trade needs to be submitted.

(6) A list of products requiring export license even in shipments not exceeding $25, as an exception to the waiver of license requirements earlier announced on small shipments.

(7) An index covering all the commodities dealt with in this pamphlet.

Fuller details, and copies of this and earlier pamphlets in this series, will be available at all field offices of the Bureau of Foreign and Domestic Commerce.

Effective Association Functioning Essential

—*Continued from page* 5

currently, intended that they should be so used. In its opinion, there is no ethical principle which contradicts the plain provisions of the statutes, or which forbids the government from favorably entertaining appropriate suggestions from parties concerned for a consent decree where a criminal prosecution may be pending. The concurrent use of criminal and civil procedures has been sanctioned by the Supreme Court of the United States.

When the antitrust division makes use of criminal and civil procedures, it adheres strictly to the following pattern:—First, the proposal for a consent decree must be voluntary; this means that the antitrust division will in no instance start negotiations or suggest compromises on the basis of which prosecution will be dropped. Second, it will not compromise criminal cases on the mere promise to reform, and will accept only proposals which restore competitive conditions in a way which could not be accomplished by prosecution. Third, it will submit all such proposals to an impartial judicial tribunal and thus be guided by the approval of the court before it takes final action. Fourth, it will issue a public statement giving the reasons for its action.

The antitrust division has made it clear that it has adopted the rule that the test of whether or not a consent decree should be accepted must be whether it will benefit the public, not whether it will give relief to the government. Only where it appears that the consent decree will yield more constructive results for the consuming public, for employees, and for competitors, than would be possible by eventual criminal punishment of the offenders, will proposals for such a decree be entertained.

The antitrust division will not negotiate for a consent decree on the basis on which private litigation is often compromised; that is to say, it will not compromise a case to relieve itself of the burden of a long-drawn-out prosecution or the risk of losing a case. It is convinced that the consent decree can be of assistance in realizing the balanced objective of checking monopolistic and industrial empire building, and in eliminating economic toll bridges, while encouraging legitimate and efficient mass production and facilitating the maintenance of orderly marketing methods.

Where only a civil suit is pending the government may exercise sound discretion in making concessions in return for that which it deems to be substantial public benefits. In such circumstances, if the government believes that it is in the public interest to accept a decree which the defendants have tendered and the decree grants substantial relief, although perhaps not all the relief sought by the government in its equity suit, the antitrust division believes it is quite within the bounds of propriety for the government to accept such a consent decree.

In such a situation the government may feel that its case is vulnerable in certain respects and that the consent decree which the defendants have submitted will give substantially all the relief that can be expected. The government may feel, therefore, that acceptance of a proposed consent decree is warranted even though there is a theoretical chance that more relief could be secured by going through with a trial.

(*To be continued*)

Fertilizer Materials

Movement of Mixed Fertilizers Well Maintained—Demand for Raw Materials Still Good — Slackening Anticipated — Blood, Tankage Higher—Cottonseed Meal Reduced—Potashes Tight

The satisfactory movement of mixed fertilizers to consumers was well maintained in most sections of the country, although a let-up was experienced in some areas. Demand for raw materials for replacement use continued at a good level. It is expected that from here in movement of raw products to mixers will become smaller.

Interest in blood and tankage remained prominent and stocks of both products were somewhat tight. Imported blood and fertilizer and feed grade tankage at New York were advanced. Hoofmeal was higher at Chicago. Sole reduction of the week was in cottonseed meal.

Prospective buyers of menhaden futures were still unwilling to meet suppliers offering price last week. There was added strength in the market however, and it was believed that the users would be forced to meet the higher quotations and even go to still higher levels in the near future. Based on the catch in Chesapeake Bay to date, it was believed that production will be adequate for normal demand for dried fish. There was less interest in menhaden meal during the week and no sales of acid scrap were reported.

Bone materials remained in active demand during the week. There was a distinct shortage of stocks of imported products due to the difficulty in obtaining freight space. Supplies of domestic grades were also more or less depleted due to the heavy demand in the past two months. Superphosphate was moving satisfactorily, with February production and shipments running ahead of the corresponding month of 1940.

Movement of chemical products continued unabated. Exports of sulphate of ammonia were unreported, but interest for domestic use was high. Potash salts were becoming less available and transactions on the resale market were reported at above list prices. A similar situation existed in cyanamid and certain urea products.

The wartime effect on prices for fertilizer materials will be found on page 25.

Price Changes

Advanced

Blood, dried, imp., 10c. per unit, c.i.f. ports.
Hoofmeal, 17-18%, bulk, 5c. per unit, f.o.b. Chi.
Tankage, fertilizer, 25c. per unit, f.o.b. N. Y.
feed, 25c. per unit, f.o.b. N. Y.

Reduced

Cottonseed meal, 8%, 50c. per ton, Southeast mills.

Comparative Values

Index numbers compiled from four typical fertilizer materials, the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.0	68.0	68.0	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Ammonia Phosphate. — Good demand. Material scarce. Price steady.

Anhydrous Ammonia. — Offerings small. Price steady.

Calcium Nitrate.—There were no stocks in this country and prices were entirely withdrawn.

Castor Pomace.—Routine deliveries. No changes in price.

Cyanamid. — Producers well sold out. Good demand for resale material. Spot resale price about 5c. per unit higher than quoted.

Dried Blood.—Imported product advanced 10c. per unit to $3, c.i.f. ports. Domestic grades firm. Demand satisfactory.

Fish Scrap.—Market situation unchanged for dried menhaden futures. Offerings still made at $4.25 and 10c. with buyers' bids reported at $4.15 and 10c.

Manganese Sulphate. — Deliveries during the week were small. Most mixers were already well stocked and there was a limited call for replacement material. Offerings remained at previous levels. New business was sluggish. Price remained steady and unrevised.

Nitrate of Soda.—Replacement material moving in good volume. Price firm.

Nitrogen Solution.—Producers were offering less freely last week and demand was quieter than in previous periods. Shipments were in small-sized lots. New business was slack, although a few inquiries appeared. Price was firm and unaltered.

Nitrogenous Material.—Fairly good demand. Shipments steady. Price unchanged.

Sulphate of Ammonia.—Good domestic demand. Resale price reported at about $32 to $35 per ton. Few export sales. February exports from the United States totaled 13,540 tons, valued at $540,864.

Tankage.—Quotations at New York raised 25c. per unit to $3 and 10c. for fertilizer material and $3.25 and 10c. for feed. Good demand.

Urea.—Various urea products were in good call during the past week, with resales reported at about $2 per ton above list price.

Potashes

Producers of domestic potash salts were reported fairly well sold out during the period under review. A heavier demand appeared in the market and resales were reported at about 5c. per unit above the list price.

Phosphates

Bone Materials.—Most grades fairly tight and hard to obtain. Prices firm to strong.

Phosphate Rock. — Fairly large movement reported. Prices steady and unrevised. February exports from the United States totaled 70,812 tons, valued at $392,762. Sole recipients were the United Kingdom, Union of South Africa and Japan.

Superphosphate. — Movement satisfactory at firm prices. February production of bulk superphosphate totaled 384,548 short tons, compared with 358,758 in February, 1940. Total shipments were 308,428 short tons in February, 1941, against 232,500 in the similar month of 1940.

Sulphur and Pyrites

Crude sulphur continued to be moved in satisfactory manner last week. Demand for replacement material was well maintained and a scattering of new orders appeared. Price was firm. February exports from the United States amounted to 47,431 tons, valued at $738,788.

Markets at Other Centers

Atlanta—Apr. 25

The market for fertilizer materials on spot deliveries continues active in spite of the lateness of the season. Movements of fertilizers continues toward the farm in considerable amounts.

SUPERPHOSPHATE.—55c. per unit, interior points.

NITRATE OF SODA.—Bulk, port basis, $27 per ton. Active.

COTTONSEED MEAL.— 8 percent grade, $26.50 to $27 per ton, Southeastern mills.

BLOOD.—$3.10 per unit, ports.

TANKAGE.—S. Am., nominally $2.75 and 10c. per unit, ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

★ Domestic MADE IN U.S.A.
THE BARRETT COMPANY
40 RECTOR ST., NEW YORK
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR

SUNSHINE STATE POTASH U.S.A.
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.
MURIATE OF POTASH
62-63% K_2O, ALSO 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 Rockefeller Plaza
New York, N. Y.

P. C. A. Red Muriate is ideal in plant operation—Uniform in color—Uniform in analysis—Uniform in grain size.
Muriate of Potash—50% and 60%
Manure Salts
P.C.A.
RED MURIATE
POTASH COMPANY of America
GENERAL SALES OFFICE
MERCANTILE TRUST BUILDING BALTIMORE, MARYLAND
SOUTHERN SALES OFFICE: MORTGAGE GUARANTEE BUILDING, ATLANTA, GEORGIA

NITROGENOUS.—Domestic, $1.90 per unit, midwestern points.

Baltimore—Apr. 25

Demand for fertilizer mixtures is gradually moving up, with shipments becoming more active because of favorable conditions for work on farms. The better demand is causing prices of some of the crude materials to be raised, though quotations are still quite moderate.

FISH SCRAP.—The futures market is still at $4.25 per unit-ton. Menhaden meal is held at $60 to $62 per ton.

TANKAGE.—Market quiet and well sold up. Business done at $3 and 10c. per unit-ton.

DRIED BLOOD.—Quotations ranging around $3.25 per unit-ton, f.o.b. New York. South American trading quiet, because of a lack of shipping space. Supplies afloat held at $3.10 per unit-ton, c.i.f.

SUPERPHOSPHATE.—Still nominally held at $8 per ton for run-of-pile, with $8.50 per ton for 16 percent milled and screened stocks. Trading moderate.

BONE.—There is a pronounced scarcity of offerings, with 1¼ and 60 domestic flour held at $40 per ton.

SULPHATE OF AMMONIA.—Domestic trading is hesitant, with spot prices as low as $33.

Chicago—Apr. 25

Demand heavy for various grades of fertilizer materials. Organics have attracted somewhat more market attention recently. Blood is moving well. Tankage has been quieter. Bone materials are bought selectively, with recently established values holding.

BLOOD.—Principal grade, $3.50 per unit.

TANKAGE.—High grade, feeding $3.75 and 10c.; hoofmeal, $2.75 to $2.80; liquid stick, $1.50 to $1.60.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $40; 3 and 50 percent, $35; 4½ and 50 percent, $34; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; beef cracklings, soft pressed, $37.50 to $40; pork cracklings, soft pressed, $40 to $42.50; hard pressed cracklings, per unit of protein, 70c. to 75c.

San Francisco—April 25

Operations in the crude fertilizer materials market last week were of a fairly limited nature. Some replacement materials were being ordered by mixers, but the amount of business involved was comparatively light. The spotlight continued to be on feed materials, with most organic products in a very strong classification, accompanied by a definite shortage in some materials. Apparently there is no trouble in picking up sulphate of ammonia or other chemicals if buyers are willing to pay the prices indicated in the market.

SULPHATE OF AMMONIA.—Sellers inviting bids on basis of $44 per ton, ex-ship, and $45, delivered inland points, shipment from Canada.

SUPERPHOSPHATE.—Domestic, 80c. per unit in bulk, f.o.b. San Francisco. Bags, 91c.

NITRATE OF SODA.—100-pound bags, $29.40 per ton, ex vessel or warehouse; 167-pound bags, $28.70. Bulk, $27.

AMMONIA PHOSPHATE.—Eleven and 48 percent, $55 per ton, port basis. Sixteen and 20 percent, $45, port basis; $1 per ton higher delivered inland points.

FISH MEAL.—San Francisco meal, 67 percent protein, $70 to $71 per ton, f.o.b. cars. Monterey and/or San Pedro meal, 65 percent protein, $69 per ton.

TANKAGE.—Dry-rendered, ground, 50 percent, $50 per ton, f.o.b. cars; 55 percent, $52.50. Unground, dry-rendered, 72½c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—$3 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—$29 to $35 per ton, delivered ports.

Potash Institute Moves

The American Potash Institute has removed its main offices to the American Chemical Society building, 1155 Sixteenth street, Washington, D. C. The institute, since 1935 located in the Investment building in Washington, has taken an entire floor in the building recently acquired by the American Chemical Society.

Fertilizer 'Trust' Defense Group to Meet This Week

OPD Washington Bureau
April 25, 1941

An advisory committee to aid fertilizer companies indicted by a Federal grand jury on "trust" charges, will meet in Baltimore next week to plan a campaign of defense. The committee was named at a meeting of representatives of corporate defendants April 17 at Philadelphia. Chairman of the committee is W. T. Wright, other members are Charles J. Brand, A. L. Ivey, John A. Miller, R. B. Douglass, George W. Gage and George Cushman.

Atmospheric Nitrogen Gets U.S. Order for Power Unit

OPD Washington Bureau
April 21, 1941

The War Department today announced a supplemental contract with Atmosphric Nitrogen Corporation, subsidiary of Allied Chemical & Dye Corporation, New York, for construction of an electric generating plant at an estimated cost of $1,100,001 at Ohio River Ordnance Plant, West Henderson, Ky. The same Corporation received a contract in February for construction and equipment of the West Henderson plant to manufacture anhydrous ammonia.

Cottonseed Crushings Off

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1 to March 31, 1941, and 1940, according to the Census Bureau, were as follows:—

Cottonseed

	Tons	
	1941.	1940.
Receipts	4,286,714	3,974,155
Crushed	3,708,565	3,777,965
On hand, March 31	616,991	316,816

Crude Oil

	Pounds	
	1941.	1940.
Produced	1,187,725,834	1,199,710,185
Shipped	1,131,615,634	1,177,638,695
On hand, March 31	167,495,175	186,291,814

Refined Oil

	Pounds	
	1941.	1940.
Produced	990,536,433	1,015,316,596
Shipped	.....	.....
On hand, March 31	505,218,655	645,875,195

Cake and Meal

	Tons	
	1941.	1940.
Produced	1,646,284	1,705,857
Shipped	1,480,151	1,650,482
On hand, March 31	245,634	175,093

Hulls

	Tons	
	1941.	1940.
Produced	934,726	934,387
Shipped	758,077	950,600
On hand, March 31	197,563	80,874

Linters

	Bales	
	1941.	1940.
Produced	1,002,485	985,190
Shipped	873,367	1,125,819
On hand, March 31	258,458	318,687

***Exports**

	1941.	1940.
Crude oil, lbs.	2,035,568	4,459,287
Refined oil, lbs.	6,149,083	8,692,288
Cake, meal, tons	805	6,431
Linters, bales	15,736	211,826

***Imports**

	1941.	1940.
Crude oil, lbs.	.....	.....
Refined oil, lbs.	3,273,888	9,723,721
Cake, meal, tons	37,478	6,019
Linters, bales	125,194	40,605

* Seven months ended February 28.

H. J. Baker & Bro., fertilizers, this city, has removed its Chicago office from 332 South La Salle street to 208 South La Salle street. Telephone:—Central 4355-6.

Margarin Production Decreased in February

Production of margarin in February totaled 28,102,717 pounds. This compared with 34,029,860 pounds in the previous month and 29,482,079 pounds in February last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of February production with that of the previous year follows:—

	Pounds	
	1941.	1940.
Production of uncolored oleomargarin	*27,765,301	†29,313,290
Withdrawn tax-paid	27,829,035	28,446,041

Ingredients used in the production of colored and uncolored margarin in February, 1941, compared with February, 1940, as follows:—

In Uncolored Margarin

	Pounds	
	1941.	1940.
Babassu oil	62,000	769,597
Butter	.....	64
Coconut oil	1,178,909	1,785,788
Corn oil	39,148	88,514
Cottonseed oil	11,583,677	10,187,859
Derivative of glycerin	63,164	79,062
Lecithin	14,028	8,045
Milk	5,285,949	5,723,102
Monostearin	10,961	.....
Neutral lard	497,115	330,750
Oleo oil	1,137,272	1,311,582
Oleo stearin	252,601	259,582
Oleo stock	117,445	163,062
Peanut oil	162,858	152,830
Salt	986,022	1,221,719
Soda benzoate	10,421	10,323
Soybean oil	7,318,594	8,611,384
Soy flakes	15	.....
Vegetable gum	.....	583
Vitamin concentrate	1,295	1,701
Totals	28,721,474	30,645,257
Production of colored oleomargarin	‡337,416	§168,789
Withdrawn tax-paid	39,484	29,773

In Colored Margarin

	Pounds	
	1941.	1940.
Butter flavor	2	.....
Coconut oil	116,988	55,328
Color	886	147
Corn oil	39	54
Cottonseed oil	41,823	12,503
Cottonseed stearin	2,340	266
Derivative of glycerin	392	640
Lecithin	46	78
Milk	62,226	38,145
Monostearin	399	.....
Neutral lard	6,322	2,176
Oleo oil	23,742	25,664
Oleo stearin	355	1,475
Oleo stock	2,550	2,362
Peanut oil	177	18
Salt	12,442	10,008
Soda benzoate	150	39
Soybean oil	74,926	46,098
Soybean stearin	240	.....
Vitamin concentrate	3	2
Totals	345,548	195,092

Note.—The figures for February, 1941, are subject to revision until published in the Commissioner's annual report.

* Of the amount produced, 23,016 pounds were reworked.

† Of the amount produced, 21,741 pounds were reworked.

‡ Of the amount produced, 379 pounds were reworked.

§ Of the amount produced, 30 pounds were reworked.

A. Gross & Co. to Move Sales Office to 295 Madison Ave.

A. Gross & Co., manufacturer of stearic acid, red oil and fatty acids, moved its New York sales office April 26 to 295 Madison avenue. The new quarters, providing increased space, have the same telephone number—Ashland 4-8251. The company, which has long maintained sales offices at 122 East Forty-second street, was established in 1837, and has a factory in Newark, N. J.

Phosphate Rock Output Up

Phosphate rock production in the United States amounted to 4,068,077 in 1940, compared with 3,967,970 in 1939, according to the Bureau of Census. Shipments totaled 4,002,700 tons, compared with 3,757,067 in 1939. Stocks on hand at the end of the year amounted to 1,691,000 tons, compared with 1,753,000 tons.

Fertilizer materials of today are discussed in a new circular, No. 185, issued by the United States Department of Agriculture. The booklet may be secured from the Superintendent of Documents, Washington, D. C., at five cents a copy.

SULPHURIC ACID

INDUSTRIAL BAROMETER

Sulphuric acid, the traditional barometer of a country's industrial activity, is today an accurate measure of the nation's industrial pace.

With the wheels of industry whirling at a record pace, consumption of this widely-used, versatile acid has reached an all-time high. It is now being used at an estimated annual rate of about 10,000,000 tons on a 50 degree Baume basis, as compared with 9,185,000 tons in 1940, 9,000,000 in 1937 and 8,500,000 in 1929.

At our mines in Louisiana and Texas, we maintain above-ground stocks of crude sulphur ample to meet even today's peak needs of our acid-manufacturing customers. These stocks, plus up-to-the-minute productive facilities and loading and shipping equipment, assure the utmost in dependable service.

• •

FREEPORT SULPHUR COMPANY

122 East 42nd Street New York City

THREE ELEPHANT
BORAX
AND
BORIC ACID
Purity Guaranteed Over 99.5%

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AMERICAN
POTASH & CHEMICAL
CORPORATION
TRONA
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada

TRONA
MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

Shipping Information

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Imports at U. S. Ports

New York Imports

ACID, CRESYLIC—120 dms, American-British Chemical Supplies, Europe
69 dms, W A Foster & Co, Europe
AGAR—10 bls, Siber-Hegner Co, Kobe
25 bls, S B Penick & Co, Yokohama
10 bls, Siber-Hegner Co, Kobe
20 bls, Siber-Hegner Co, Kobe
20 cs, Kobe
ALOE—80 pkgs, Industrial Supply, Ltd, Port Elizabeth
200 ·s, Aruba
AMMONIA, SULPHOCYANIDE — 27 cks, American Cyanamid & Chem Co, Europe
ANISE—100 bgs, F W Pabst, Vera Cruz
108 bgs, F W Pabst, Vera Cruz
STAR—150 bgs, Archibald & Kendall, Hongkong
100 bgs, Wah Young Co, Hongkong
ANTIMONY ORE—625 bgs, New York & Cuba Mail S S Co, Tampico
1,836 bgs, J Henry Schroeder Banking Corp, Antofagasta
1,091 bgs, National City Bank, Antofagasta
743 bgs, J Henry Schroeder Banking Corp, Antofagasta
333 bgs, National City Bank, Antofagasta
675 bgs, New York & Cuba Mail S S Co, Tampico
SULPHIDE—1,414 bgs, W R Grace & Co, Antofagasta
12 cks, Europe
APRICOT KERNELS—70 bgs, Braun Import Co, Tientsin
ARSENIC—700 bbls, New York & Cuba Mail S S Co, Tampico
43 bbls, American Smelting & Ref Co, Tampico
870 bbls, New York & Cuba Mail S S Co, Tampico
BABASSU KERNELS—5,000 bgs, 300 tons, General Food Corp, Brazil
3,332 bgs, 200 tons, General Food Corp, Brazil
1,666 bgs, 100 tons, General Food Corp, Brazil
2,500 bgs, 150 tons, General Food Corp, Brazil
BALSAM—15 cs, Pan American Export & Import Agency, Barranquilla
BEEF LIVER EXTRACT—12 kgs, Lederle Lab, Havana
BLOOD, DR—1 cs, Tupman-Thurlow Co, Santos
FLOUR—300 bgs, Wessel-Duval & Co, Rio Janeiro
BRISTLES—40 cs, H Rosenhirsh Co, Shanghai
50 cs, Universal Trading Corp, Hongkong
120 cs, Universal Trading Corp, Hongkong
200 cs, Universal Trading Corp, Hongkong
75 cs, J Henry Schroeder Banking Corp, Calcutta
30 cs, H Rosenhirsh Co, Shanghai
25 cs, H Rosenhirsh Co, Shanghai
26 cs, Bingham & Co, Dairen
25 cs, H E Botzok Co, Dairen
10 cs, F H Cone & Co, Kobe
7 cs, A A Krejitman, Kobe
26 cs, Bingham Co, Dairen
14 cs, Mitsubishi Shoji Kaisha, Tsingtao
26 cs, A A Krejitman, Dairen
25 cs, S Hirshenborn & Son, Dairen
26 cs, A A Krejitman, Dairen
38 cs, A A Krejitman, Yokohama
29 cs, S Hirshenhorn & Son, Yokohama
13 cs, Pittsburgh Plate Glass Co, Dairen
15 cs, N Wagman Co, Dairen
26 cs, F H Cone & Co, Dairen
25 cs, Pittsburgh Plate Glass Co, Dairen
CALCIUM TARTRATE—747 bgs, Bunge North American Grain Co, Rio Janeiro
CANARY SEED—340 bgs, Bunge North American Grain Co, Buenos Aires
221 bgs, National City Bank, Buenos Aires
167 bgs, Bunge North American Grain Co, Buenos Aires
CASEIN—1,000 bgs, American British Chemical Supplies, Buenos Aires
417 bgs, O W Buckhalter, Buenos Aires
417 bgs, A Hurst & Co, Buenos Aires
418 bgs, A Hurst & Co, Buenos Aires
CASSIA—300 bls, Knickerbocker Mills Co, Hongkong
200 bls, Arnhold & Co, Hongkong
100 bls, Hongkong
200 bls, Arnhold & Co, Hongkong
200 bls, W Archibald, Hongkong
600 bls, A G Dunn, Hongkong
200 bls, Arnhold & Co, Hongkong
700 bls, Hongkong
200 bls, A G Dunn, Hongkong
100 bls, A G Dunn, Hongkong
300 bls, Knickerbocker Mills Co, Hongkong
200 bls, Knickerbocker Mills Co, Hongkong
ROLLS—200 bls, J S Tolendona & J M Pinto, Hongkong
100 bls, Archibald & Kendall, Hongkong
CASTOR BEANS—1,757 bgs, Spencer Kellogg & Sons, Rio Janeiro
1,757 bgs, Baker Castor Oil Co, Rio Janeiro
1,009 bgs, Baker Castor Oil Co, Rio Janeiro
CHALK, PRECIP—250 bgs, H J Baker & Bros, Europe
CHEMICALS—4 dms, Wedemann & Godknecht, Lisbon
2 cs, Barcelona
CHROME ORE—2,500 tons, Electro Metallurgical Co, Beira
6,000 tons, E J Lavino & Co, Beira
1,059 tons, Philipp Bros, Beira
1,250 tons, Electro Metallurgical Co, Beira
1,250 tons, Electro Metallurgical Co, Beira
CINNAMON QUILLS—100 bls, C T Wilson & Co, Colombo
150 bls, E Klinko, Colombo
100 bls, C T Wilson & Co, Colombo
COCHINEAL—50 bgs, Wessel, Duval & Co, Callao
COCOA BEANS—100 bgs, National City Bank, Port Prince
6,480 bgs, Intercontinental Trading Co, Takoradi
24,000 bgs, Balfour, Guthrie & Co, Apapa
1,500 bgs, W R Grace & Co, Guayaquil
500 bgs, Guayaquil
500 bgs, Wessel, Duval & Co, Guayaquil
250 bgs, Guayaquil
250 bgs, Wood & Selick, Guayaquil
250 bgs, Guayaquil
182 bgs, S Stern Stiner Co, La Guaira
500 bgs, Puerto Cabello

COCOA BEANS—236 bgs, Wessel, Kulenkampf & Co, Trujillo
729 bgs, Irving Trust Co, Trujillo
952 bgs, Machado & Co, Sanchez
500 bgs, Wessel, Kulenkampf & Co, Sanchez
168 bgs, Machado & Co, Sanchez
264 bgs, Wessel, Kulenkampf & Co, Sanchez
166 bgs, Machado & Co, Puerto Plata
500 bgs, Machado & Co, Puerto Plata
COCONUT, DESIC—1,000 pkgs, Wood & Selick, Manila
535 cs, Philippine Desic Coconut Co, Zamboanga
100 bgs, Dodwell & Co, Manila
568 cs, Philippine Desic Coconut Co, Zamboanga
5,000 bgs, 500,000 lbs, General Food Corp, Manila
773 cs, 107,990 lbs, General Food Corp, Manila
1,650 bgs, 165,000 lbs, General Food Corp, Manila
4,377 bgs, 457,700 lbs, General Food Corp, Manila
600 bgs, Dodwell & Co, Manila
540 cs, Dodwell & Co, Manila
385 cs, Philippine Desic Coconut Co, Zamboanga
2,267 pkgs, Philippine Desic Coconut Co, Zamboanga
1,019 cs, Philippine Desic Coconut Co, Zamboanga
200 cs, Balfour, Guthrie & Co, Manila
563 bgs, Balfour Guthrie & Co, Manila
500 cs, Dodwell & Co, Manila
400 bgs, Dodwell & Co, Manila
COCONUT SHELL CHARCOAL—5,404 bgs, 249 tons, General Food Corp, Manila
CONCENTRATES—162 tons, 13 cwts, 1 qtr, 14 lbs, Bank of Manhattan, Lourenco Marques
COPAIBA BALSAM—9 dms, Cristobal
2 dms, W R Grace & Co, Cristobal
CORKS—6 bgs, J Behr, Lisbon
7 bgs, Grace Line, Lisbon
25 bgs, United Fruit Co, Lisbon
20 bgs, Palamos
19 bgs, Barcelona
BOARDS—2,000 crtns, R G Godwin & Son, Lisbon
DISCS—5 bls, Lisbon
FLOATS—4 bls, Palamos
WASTE—6,970 bls, Wicander & Co, Lisbon
2,565 bls, Wicander & Co, Lisbon
1,486 bls, Baldwin Universal Co, Lisbon
1,430 bls, Mundet Cork Corp, Lisbon
501 bls, Cox & Fahner, Lisbon
4,520 bls, Baldwin Universal Co, Lisbon
1,200 bls, Mundet Cork Corp, Lisbon
1,511 bls, Cox & Fahner, Lisbon
WOOD—4 bls, Wicander & Co, Lisbon
1,320 bls, National City Bank, Lisbon
134 bls, Wicander & Co, Lisbon
6,883 bls, National City Bank, Lisbon
CREAM TARTAR—433 bbls, 200 cs, Barcelona
CUTTLEFISH BONES—10 cs, Hinton & Co, Yokohama
DERRIS ROOT—44 bls, John Powell & Co, Manila
DIVI DIVI—1,100 bgs, Chase National Bank, Barranquilla
5,195 bgs, J Martland, Ltd, Barranquilla
1,222 bgs, J Homburger, Trujillo
DYES, ANILIN—117 dms, Goudrand Shipping Co, Lisbon
29 dms, Ciba Co, Lisbon
44 dms, Wedemann & Godknecht, Lisbon
30 bbls, Carbic Color & Chem Co, Lisbon
2 cks, E I Duront de Nemours Co, Europe
ERYTHRINA SEED—10 bgs, Merck & Co, Ceiba
FERTILIZER—1 cs, Tupman-Thurlow Co, Buenos Aires
FLAXSEED—1 bg, I R Boody & Co, Montevideo
FLEASEED—150 bgs, Barcelona
FLOWERS AND LEAVES—111 bgs, E Meer Co, Barcelona
GLANDS—12 cs, Tupman, Thurlow & Co, Santos
GLASS, PLATE—346 cs, New York & Cuba Mail S S Co, Tampico
1,028 cs, New York & Cuba Mail S S Co, Tampico
GLUESTOCK—1 bl, J Gorvers, Montevideo
70 bls, H Remis & Co, Havana
GRAPHITE—308 bgs, C E Pettinos, Colombo
250 bgs, Asbury Graphite Mills, Colombo
GREASE, WOOL—11 bgs, Robinson, Wagner Co, Europe
3 bbls, Robinson, Wagner Co, Europe
10 bgs, Robinson, Wagner Co, Europe
GUAIAC EXTRACT—1 cs, Buenos Aires
3 cs, Buenos Aires
GUM, CHICLE—180 bls, Mexican Exploitation Co, Progreso
468 bls, Mexican Exploitation Co, Progreso
COPAL—60 bgs, Rafael Rey, Manila
80 bgs, S Winterbourne & Co, Manila
67 bgs, W H Scheel, Manila
134 bgs, Stroock & Wittenberg, Manila
227 bgs, American Specialty Co, Manila
265 bgs, S Winterbourne, Manila
46 bgs, W H Scheel, Manila
68 bgs, Stroock & Wittenberg, Manila
121 bgs, W H Scheel, Manila
140 bgs, Stroock & Wittenberg, Manila
LOCUST BEAN—30 bgs, Barcelona
OLIBANUM—30 bgs, Calcutta
SIFTINGS—14 bgs, Calcutta
HEMPSEED—1 bg, R L Pritchard & Co, Calcutta
HERBS, MED—10 bls, S B Penick & Co, Buenos Aires
IMMORTELLE SEED—58 bgs, Merck & Co, Trinidad
INDIGO, SYNTH—260 dms, Goulrand Shipping Co, Lisbon
180 cs, Goudrand Shipping Co, Lisbon
IPECAC ROOT—14 pkgs, S B Penick & Co, Rio Janeiro
20 bgs, S B Penick & Co, Rio Janeiro
4 bgs, N Brandon & Co, Port Limon
IRISH MOSS—44 bgs, Europe
45 bgs, H Reifenberg, Europe
IRON OXIDE—30 dms, Europe
JALAP ROOT—10 bls, F W Pabst, Vera Cruz
LEAD CONCENTRATES—440 bgs, Wedemann & Godknecht, Beira
363 bgs, Wedemann & Godknecht, Beira
LIVER FLOUR—400 bgs, Wessel, Duval & Co, Rio Janeiro
LOOFAHS—25 bls, Schroeder & Tremayne, Yokohama

MAGNESIA CARBONATE — 1,600 pkgs, Europe
100 cs, Europe
MANGANESE ORE—4 bgs, Adriatic & Co, Rio Janeiro
MANIOC FLOUR—1 cs, Ansly Corp, Rio Janeiro
2 cs, Java American Export Co, Rio Janeiro
584 bgs, S Stern Stiner & Co, Rio Janeiro
500 bgs, Java American Export Co, Rio Janeiro
1,000 bgs, Java American Export Co, Rio Janeiro
2,000 bgs, Bank of New York, Rio Janeiro
305 bgs, Chase National Bank, Rio Janeiro
833 bgs, Simmonds & Grey, Rio Janeiro
1,833 bgs, Bank of New York, Rio Janeiro
1,000 bgs, Starch Product Co, Rio Janeiro
10 bgs, S Stern Stiner & Co, Rio Janeiro
MATE—300 half cks, Instituto Nacionel de Mate, Rio Janeiro
MEDICINAL PREP—2 cs, 1 bx, D C Andrews & Co, Buenos Aires
2 cs, E Fougera & Co, Buenos Aires
2 cs, Delta Pharm Co, Buenos Aires
24 cs, Frederick Stearns & Co, Buenos Aires
16 pkgs, D C Andrews & Co, Buenos Aires
25 cs, Rio Janeiro
6 pkgs, Stolk & Masce, Havana
MENTHOL—35 cs, Mitsui & Co, Shanghai
MICA—129 cs, A O Schoonmaker & Co, Buenos Aires
8 cs, Ford Radio & Mica Corp, Rio Janeiro
22 cs Eugene Munsell & Co, Rio Janeiro
76 cs, F D Pitts Co, Rio Janeiro
77 cs, Ford Radio & Mica Corp, Rio Janeiro
BLOCK—100 cs, Chase National Bank, Calcutta
10 cs, Heyman & Co, Calcutta
14 cs, Heyman & Co, Calcutta
30 cs, Eugene Munsell & Co, Calcutta
130 cs, Chase National Bank, Calcutta
13 cs, Ford Radio & Mica Corp, Calcutta
DISCS—8 cs, Heyman & Co, Calcutta
2 cs, Schwab Bros, Calcutta
7 cs, American Mica Works, Calcutta
3 cs, Ford Radio & Mica Corp, Calcutta
CUT—32 cs, E Munsell & Co, Calcutta
FILM—6 cs, Schwab Bros, Calcutta
10 cs, Eugene Munsell & Co, Calcutta
8 cs, Eugene Munsell & Co, Calcutta
2 cs, American Mica Works, Calcutta
SPLITTINGS—18 cs, Heyman & Co, Calcutta
6 cs, Schwab Bros, Calcutta
120 cs, Mica Insulator Co, Calcutta
5 cs, Eugene Munsell & Co, Calcutta
84 cs, Mica Insulator Co, Calcutta
500 cs, Chase National Bank, Calcutta
134 cs, Mica Insulator Co, Calcutta
4 cs Wm Brand & Co, Calcutta
400 cs, Chase National Bank, Calcutta
100 cs, Calcutta
200 cs, Chase National Bank, Calcutta
11 cs, American Mica Works, Calcutta
150 cs, Chase National Bank, Calcutta
OAK MOSS—53 bgs, Alicante
OIL, ANISE—10 dms, Orbis Product Corp, Hongkong
15 dms, McKesson & Robbins, Hongkong
CAMPHOR—25 dms, Magnus, Mabee & Reynard, Hongkong
5 dms, Dodge & Olcott Co, Keelung
5 dms, Fritzsche Bros, Keelung
5 dms, Geo Lueders & Co, Keelung
10 dms, Norda Essential Oil & Chem Co, Yokohama
20 dms, Ungerer & Co, Yokohama
25 dms, Dodge & Olcott Co, Yokohama
CINNAMON LEAF—14 dms, R C Treatt & Co, Mombasa
COCONUT—628 tons, Colgate-Palmolive-Peet Co, Manila
COD—150 dms, Canada
CODLIVER—41 dms, Yokohama
ESSENTIAL—6 cs, J Briguglio, Puerto Plata
FUEL—6,511 tons, Curacao
10,000 bbls, Asiatic Petroleum Corp, Curacao
67,109 bbls, J W Hampton Jr, Mexico
GAS—63,391 bbls, Mexican Petroleum Co, Tampico
LAVENDER—2 dms, Alicante
LAVENDER SPIKE—4 dms, Alicante
LIME, DIST—15 cs, W J Bush & Co, Trinidad
3 dms, Fritzsche Bros, Trinidad
66 cs, Fritzsche Bros, Trinidad
LINALOE—2 cs, Fritzsche Bros, Vera Cruz
NAPHTHENIC—136 dms, 63,470 lbs, J W Hampton Jr, Mexico
OITICICA—991 dms, Brazil
OLIVE—400 dms, E M Sergeant Pulp & Chem Co, Lisbon
200 dms, E M Sergeant Pulp & Chem Co, Lisbon
50 cs, National City Bank, Lisbon
PEANUT—20 cs, Tuck High & Co, Hongkong
370 tons, East Asiatic Co, Tsingtao
PEPPERMINT—10 cs, Siber Hegner Co, Kobe
PETITGRAIN—1 dm, Ph Chaleyer, Port Prince
2 cs, Colgate-Palmolive-Peet Co, Port Prince
25 cs, Buenos Aires
4 dms, Buenos Aires
5 dms, Buenos Aires
RAPESEED, REFD—257,779 kilos, Mitsui & Co, Buenos Aires
TEASEED—130 dms, Leghorn Trading Co, Hongkong
ORE, CRUDE—1,040 bgs, Cotopax Exploitation Co, Guayaquil
OX GALLS, CONC—13 tcs, Buenos Aires
8 tcs, Buenos Aires
PAPRIKA—296 bgs, Alicante
125 cs, Alicante
PEPPER—115 bgs, Swedish Colonial Product Import Assn, Tampico
272 bgs, Tampico
1,121 bgs, Tampico
162 bgs, Tampico
PERFUME—2 pkgs, Richard Brokage Co, Havana
93 cs, Barcelona
POTASH, SALT—60 kgs, A Gusman, Europe
SULPHOCYANIDE—14 kgs, Europe
PYRETHRUM FLOWERS—58 pkgs, Bunge North American Grain Co, Rio Janeiro
QUEBRACHO EXTRACT—1,525 bgs, International Product Corp, Buenos Aires
2,600 bgs, International Product Corp, Buenos Aires
500 bgs, Tannin Corp, Buenos Aires
20 bdls, Tannin Corp, Buenos Aires

QUEBRACHO EXTRACT—1,072 bgs, Tannin Corp, Buenos Aires
338 bgs, Tannin Corp, Buenos Aires
QUICKSILVER—100 flasks, New York & Cuba Mail S S Co, Vera Cruz
RAPESEED—378 bgs, A G Dunn, Buenos Aires
RESIN—7 dms, Gillespie-Rogers-Pyatt Co, Europe
232 cs, Astoria Import & Mfg Co, Europe
40 cs, Europe
PINE—7 bgs, Barcelona
ROCK CRYSTALS—43 cs, Pan American Trade Development Co, Rio Janeiro
15 cs, Grazilian Trading Co, Rio Janeiro
12 cs, Pan American Trade Development Co, Rio Janeiro
SAFFRON FLOWERS—10 bgs, Peek & Velsor, Vera Cruz
SAGE LEAVES—1 bg, Kachurin Drug Co, Barcelona
SARSAPARILLA ROOT—6 bls, P H Petry & Co, Tampico
10 bls, A Zorrilla & Co, Tampico
SCHEELITE ORE—28 bgs, Irving Trust Co, Buenos Aires
SENNA LEAVES—29 jottas, Calcutta
SESAME SEED—60 bgs, Knickerbocker Mills Co, Shanghai
SHELLAC—100 cs, Ralli Bros, Calcutta
250 bgs, Ralli Bros, Calcutta
240 bgs, E E Androvette, London
200 bgs, E E Androvette, London
600 bgs, E E Androvette, London
SEEDLAC—200 bgs, Ralli Bros, Calcutta
200 pkgs, Ralli Bros, Calcutta
100 bgs, Ralli Bros, Calcutta
STICK LAC—1 bg, Cornelis & Suhr, Calcutta
SOAP BARK—196 bls, Commercial National Bank Trust Co, San Antonio
SPONGES—3 bls, Gulf & West Indies Co, Havana
19 bls, Mantas Bros, Havana
7 bls, World Sponge Co, Havana
11 bls, Mantas Bros, Havana
STEARIN PITCH—255 bbls, Allied Asphalt & Chem Corp, Lisbon
41 dms, Europe
TALC—2,000 bgs, Dairen
2,000 bgs, C B Chrystal & Co, Dairen
3 bgs, Mitsui & Co, Dairen
TALLOW—126 bgs, Mendez & Co, Montevideo
TAPIOCA FLOUR—1,832 bgs, Corn Products Refg Co, Puerto Plata
5,065 bgs, Corn Products Refg Co, Puerto Plata
6,309 bgs, Corn Products Refg Co, Puerto Plata
4,003 bgs, 1 cs, Corn Products Refg Co, Puerto Plata
TARTAR—170 bgs, Bunge North American Grain Co, Rio Janeiro
148 bgs, Bunge North American Grain Co, Rio Janeiro
112 bgs, Bunge North American Grain Co, Rio Janeiro
300 bgs, Bunge North American Grain Co, Rio Janeiro
TEAWASTE—5 bgs, Greene Trading Co, Mombasa
TUCUM KERNELS—3,846 bgs, 250 tons, General Food Corp, Brazil
3,077 bgs, 200 tons, General Food Corp, Brazil
VANADIUM ORE—1,066 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—47 cs, Thurston & Braidich, Vera Cruz
29 cs, F Huber & Co, Vera Cruz
9 cs, Florasynth Lab, Vera Cruz
28 cs, F Huber & Co, Vera Cruz
10 cs, F Huber & Co, Vera Cruz
VERMICULITE—1 bg, Philipp Bros, Lourenco Marques
WATTLE BARK—550 bls, Tannin Corp, Mombasa
1,098 bls, Tannin Corp, Mombasa
1,054 bls, Tannin Corp, Mombasa
WAX, BEES—3 seroons, Porcella, Vicini & Co, Trujillo
14 seroons, Irving Trust Co, Trujillo
26 seroons, Porcella, Vicini & Co, Puerto Plata
42 seroons, Irving Trust Co, Puerto Plata
12 bgs, Port Prince
84 bgs, Wessel, Duval & Co, Rio Janeiro
150 bgs, D Steengrafe, Rio Janeiro
200 bgs, Rio Janeiro
50 bgs, Innis, Speiden & Co, Rio Janeiro
36 bgs, Rio Janeiro
84 bgs, Wessel, Duval & Co, Rio Janeiro
59 bgs, D Steengrafe, Rio Janeiro
101 bgs, Rio Janeiro
271 bgs, Rio Janeiro
58 bgs, J Henry Schroeder Banking Corp, Rio Janeiro
380 bgs, Rio Janeiro
26 bgs, Wessel, Duval & Co, Rio Janeiro
357 bgs, Rio Janeiro
84 bgs, Wessel, Duval & Co, Rio Janeiro
20 bgs, Havana
20 bgs, Irving Trust Co, Havana
28 bgs, Islans Commercial Co, Callao
15 pkgs, R D Heins, Cristobal
14 bgs Struller & Wood, Jeremie
7 bgs, Pan American Export & Import Co, Petit Goave
CANDELILLA—381 bgs, M Argueso & Co, Tampico
382 bgs, M Argueso & Co, Tampico
573 bgs, M Argueso & Co, Tampico
381 bgs, M Argueso & Co, Tampico
CARNAUBA—188 bgs, Strohmeyer & Arpe Co, Bahia
167 bgs, American Cyanamid & Chem Co, Rio Janeiro
56 bgs, Innis, Speiden & Co, Rio Janeiro
33 bgs, American Cyanamid & Chem Co, Rio Janeiro
112 bgs, American Cyanamid & Chem Co, Rio Janeiro
33 bgs, National City Bank, Rio Janeiro
62 bgs, American Cyanamid & Chem Co, Rio Janeiro
334 bgs, National City Bank, Rio Janeiro
56 bgs, Innis, Speiden & Co, Rio Janeiro
36 bgs, Distributing Trading Co, Rio Janeiro
56 bgs, Chase National Bank, Rio Janeiro
56 bgs, C Johnson Son, Rio Janeiro
55 bgs, Guaranty Trust Co, Rio Janeiro
112 bgs, Smith & Nichols, Rio Janeiro
223 bgs, National City Bank, Rio Janeiro
55 bgs, C Johnson & Son, Rio Janeiro
111 bgs, Smith & Nichols, Rio Janeiro
84 bgs, Guaranty Trust Co, Rio Janeiro
44 bgs, Guaranty Trust Co, Rio Janeiro
111 bgs, Smith & Nichols, Rio Janeiro
56 bgs, Innis, Speiden & Co, Rio Janeiro
63 bgs, Strohmeyer & Arpe Co, Bahia
168 bgs, Strohmeyer & Arpe Co, Brazil
378 bgs—Wm M Allison & Co, Brazil

WAX, VEGETABLE — 152 cs, Mitsubishi-Shoji-Kaisha, Kanmon
150 cs, Innis, Speiden & Co, Kanmon
100 cs, Wm M Allison & Co, Kobe
WINE LEES—191 bgs, Alicante
WOLFRAMITE ORE—468 bgs, Irving Trust Co, Buenos Aires
WOLFRAM ORE—440 bgs, National City Bank, Arica
1,830 bgs, W R Grace & Co, Antofagasta
450 tons, Lanno Shipping Co, Lisbon
YEAST—1 pkg, Pan American Standard Brands, Rio Janeiro
1 pkg, Standard Brands, Havana

New York Transit Imports

ASBESTOS—295 bgs, Commercial Alcohol, Ltd, Durban, Montreal
CAMPHOR, CRUDE—500 cs, Eastman Kodak Co, Keelung, Rochester
CASSIA—84 bls, McLaughlin, Gormley & King, Hongkong, Minneapolis
COCOABEANS—6,400 bgs, W Nelson, Ltd, Takoradi, Toronto
1,200 bgs, United Africa Co, Apapa, Montreal
2,800 bgs, United Africa Co, Apapa, Toronto
8,000 bgs, Standard Bank South Africa, Lagos, Montreal
COCONUT, DESIC—450 cs, Balfour, Guthrie & Co, Manila, Chicago
1,200 cs, Philip Levy, Manila, Bridgeport
500 bgs, General Food Corp, Manila, Bridgeport
GLANDS, SUPRARENAL—5 tcs, Parke, Davis & Co, Montevideo, Detroit
3 pkgs, Parke, Davis & Co, Montevideo, Detroit
MEAT EXTRACT—322 cs, Swift Canadian Co, Buenos Aires, Toronto
MICA SPLITTINGS—100 cs, Eugene Munsell & Co, Calcutta
OIL, COCONUT—628 tons, Spencer Kellogg & Sons, Manila, Buffalo
519 tons, Spencer Kellogg & Sons, Manila, Buffalo
PEANUT—60 cs, Chinese Trading Co, Hongkong, Chicago
PERILLA—779 tons, W G Smith & Co, Dairen, Cleveland
PAPAIN—124 cs, American Ferment Co, Colombo, Toronto
277 cs, American Ferment Co, Colombo, Toronto
QUEBRACHO EXTRACT—500 bgs, International Product Corp, Buenos Aires, Montreal
400 bgs, Tannin Corp, Buenos Aires, Canada
350 bgs, Tannin Corp, Buenos Aires, Montreal
1,604 bgs, Tannin Corp, Acton, Canada
100 bgs, Tannin Corp, Acton, Canada
1,700 bgs, Tannin Corp, Acton, Canada
SARSAPARILLA ROOT—12 bls, Parke, Davis & Co, Tampico, Detroit
SHEEP DIP—840 cs, Wm Cooper & Nephews, Europe, Chicago
VANILLA BEANS—37 cs, Zink & Triest, Vera Cruz, Philadelphia
37 cs, M Cortizas Co, Vera Cruz, Philadelphia
20 cs, Zink & Triest, Vera Cruz, Philadelphia
53 cs, M Cortizas Co, Vera Cruz, Philadelphia
36 cs, M Cortizas Co, Vera Cruz, Philadelphia

Baltimore Imports

BLOOD, DR—1,000 bgs, Buenos Aires
BONEMEAL—2,000 bgs, Buenos Aires
2,207 bgs, Buenos Aires
CHROME ORE—6,100 tons, Lourenco Marques
COTTONSEED MEAL—10,114 bgs, Port au Prince
FISH MEAL—1,599 bgs, Buenos Aires
IRON ORE—5,700 tons, Bethlehem Steel Co, Daiquiri
21,500 tons, Bethlehem Steel Co, Cruz Grande
LIVER MEAL—1,050 bgs, Buenos Aires
1,000 bgs, Buenos Aires
MANGANESE ORE—8,700 tons, Vizagapatam
1,000 tons, Rio Janeiro
7,000 tons, Rio Janeiro
9,400 tons, Durban
MOLASSES—673,271 gls, Cuba Distilling Co, La Romana
289,190 gls, Cuba Distilling Co, Macoris
437,869 gls, Cuba Distilling Co, Guanica
QUEBRACHO EXTRACT—6,075 bgs, Buenos Aires
QUININE SULPHATE—700 cs, Batavia
RUTILE ORE—1,600 bgs, Santos
TANKAGE—3,990 bgs, Buenos Aires
950 cakes, Buenos Aires
1,009 bgs, Buenos Aires
1,670 cakes, Buenos Aires

Boston Imports

BONE MEAL—400 bgs, J K Welsh, Tsingtao
CASEIN—500 bgs, American British Chemical Supplies, Buenos Aires
CASSIA—50 bls, Stickney & Poor Spice Co, Hongkong
COTTON LINTERS—930 bgs, New England Waste Co, Rio Janeiro
944 bgs, New England Waste Co, Rio Janeiro
826 bgs, New England Waste Co, Rio Janeiro
1,004 bgs, New England Waste Co, Rio Janeiro
65 bgs, First National Bank, Rio Janeiro
OIL, PEANUT—80 cs, Quong Hah Lung, Hongkong
SESAME—20 cs, Quong Hah Lung, Hongkong
QUEBRACHO EXTRACT—3,435 bgs, Tannin Corp, Buenos Aires
107 bgs, International Product Corp, Buenos Aires
WAX, VEGETABLE—50 cs, Innis, Speiden & Co, Kanmon

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Charleston Imports

WAX, VEGETABLE—50 cs, Innis, Speiden & Co, Kanmon

Houston Imports

COCONUT FIBER—100 bgs, Dodwell & Co, Manila

Los Angeles Imports

APRICOT KERNELS—500 lbs, Hongkong
CASSIA—60 bls, 6,900 lbs, Hongkong
200 pkgs, 22,400 lbs, Hongkong
CHEMICALS—160 lbs, Kobe
3,000 lbs, Yokohama
6,000 lbs, Japan
CINNAMON—13,400 lbs, Colombo
COALTAR, PROD—1 lb, Kobe
COCONUT, DESIC—1,177 bgs, 117,700 lbs, Manila
10 cs, 1,200 lbs, Manila
COPRA MEAL—24,320 bgs, 2,432,000 lbs, Manila
5,000 bgs, 500,000 lbs, Manila
COTTON LINTERS—145 bls, 77,210 lbs, Torreon
200 bls, 116,830 lbs, Manzanillo
110 bls, 61,590 lbs, Nuevo Laredo
FISH LIVERS—142 pkgs, 5,680 lbs, Yokohama
245 tins, 9,800 lbs, Japan
76 tins, 3,040 lbs, Kobe
837 pkgs, 40,240 lbs, Yokohama
216 tins, 8,640 lbs, Japan
GINGER ROOT—500 lbs, Hongkong
5,000 lbs, Madras
MEDICINAL PREPS—130 lbs, Kobe
OIL, PALM—1,877,030 lbs, Medan
PEANUT RESIDUE—38,650 lbs, Vancouver
PEPPER—35,840 lbs, Madras
RAPESEED—64 bgs, 10,750 lbs, Bombay
SEAWEEDS—240 lbs, Kobe
100 lbs, Yokohama
SESAME SEED—175 bgs, 28,110 lbs, Shanghai
250 bgs, 25,000 lbs, Corinto
SHARK LIVERS—3,030 lbs, Sinaloa
130 pkgs, 5,500 lbs, Mazatlan
SHELLAC—300 bgs, 49,200 lbs, Calcutta
SEEDLAC—200 bgs, 32,800 lbs, Calcutta
TAPIOCA FLOUR—21,780 lbs, Sourabaya
TUNGSTEN, POWD—11,200 lbs, Liverpool

Norfolk Imports

BLOOD, DR—1,814 bgs, Ashcraft-Wilkinson & Co, Buenos Aires
BONE MEAL—2,000 bgs, Ashcraft-Wilkinson & Co, Buenos Aires
BONES—1,152 bgs, Tupmann-Thurlow & Co, Buenos Aires
1,490 bgs, Tupmann-Thurlow & Co, Buenos Aires
665 bgs, Tupmann-Thurlow & Co, Buenos Aires
363 bgs, Tupmann-Thurlow & Co, Buenos Aires
QUEBRACHO EXTRACT—8,105 bgs, American Tanners, Buenos Aires
6,025 bgs, International Product Corp, Buenos Aires
1,000 bgs, International Product Corp, Buenos Aires
6,170 bgs, Tannin Corp, Buenos Aires
TANKAGE—2,240 bgs, Tupman-Thurlow & Co, Buenos Aires

Philadelphia Imports

BAUXITE ORE—3,480 tons, Georgetown
CASSIA—177 bls, Padang
CHROME ORE—1,500 tons, Masinloc Zambales
4,613 tons, Pastelillo
COCOA BEANS—2,000 bgs, Chase National Bank, Bahia
6,300 bgs, Bank of London & South America, Bahia
2,000 bgs, Irving Trust Co, Bahia
768 bgs, Bahia
COCONUTS—18 bgs, Edwards Freeman, San Juan
218 bgs, Edwards Freeman, Mayaguez
MACE—15 cs, Macassar
MOLASSES—1,436,743 gls, Publicker Alcohol Corp, Havana and Pastelillo
1,407,556 gls, E I Du Pont de Nemours & Co, Manati
1,369,540 gls, Publicker Alcohol Corp, Antilla
850 bbls, Barbados
NUTMEGS—100 cs, Macassar
PETROLEUM, CRUDE—110,518 bbls, Gulf Oil Corp, Las Piedras
104,710 bbls, Gulf Oil Corp, Puerto la Cruz
98,622 bbls, Gulf Oil Corp, Puerto la Cruz
81,778 bbls, Gulf Oil Corp, Puerto la Cruz
SPATHIC ORE, CALC — 7,300 tons, Agua Marga
TAPIOCA FLOUR—500 bgs, Philadelphia National Bank, Sourabaya
250 bgs, Philadelphia National Bank, Samarang

San Francisco Imports

COCONUT DESIC—100 cs, Philippine Desic Coconut Co, Manila
2,100 cs, Wilbur-Ellis & Co, Manila

Wilmington Imports

QUEBRACHO LOGS — 2,308 pcs, Tannin Corp, Buenos Aires

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetics act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York
Week Ended April 16

Cod oil, 17 drums; restricted use.

Eucalyptus oil, Formosan, 10 drums; restricted use.

Medicinal preparations, 2 parcels; false therapeutic claims.

Medicinal preparations, 2 parcels; false and misleading statements.

Peppermint oil, 33 cases; restricted use.

Pimento siftings, 3 bags; restricted use.

Sassafras oil, 50 drums; not U.S.P.

Boston
Two Weeks Ended April 23

Hair preparation, 2 packages; no caution statement.

Lime juice, 113 cases; contains undeclared artificial coloring.

Medicinal preparation, 12 boxes; not properly labeled.

Medicinal preparation, 12 vials; not properly labeled.

Denver
Week Ended April 17

Marjoram, 83 sacks; filthy.

Los Angeles
Two Weeks Ended April 17

1 Chili peppers, 200 bags; filthy and decomposed.

Medicinal, 50 pieces; false therapeutic claims.

Medicinal, 1 piece; omission of mandatory labeling; dangerous to health.

Shark livers, 180 tins; filthy and decomposed.

San Francisco
Two Weeks Ended April 17

Lotus seed, 80 pounds; filthy.

Seattle
Two Weeks Ended April 17

Medicinals, 7 pieces; false therapeutic claims; omission of mandatory labeling.

Medicinals, 1 piece; false therapeutic claims; omission of mandatory labeling; dangerous to health.

Medicinals, 1 piece; omission of mandatory labeling.

Medicinal, 1 piece; false therapeutic claims.

Medicinal, 1 piece; omission of mandatory labeling.

Medicinal, 1 piece; false therapeutic claims; omission of mandatory labeling.

Exports from U. S. Ports

Los Angeles Exports

ACID, BORIC—6,160 pkgs, 701,120 lbs, Liverpool; 3,000 bgs, 296,000 lbs, Liverpool; 210 kegs, 23,520 lbs, Hongkong; 1,700 bgs, 190,400 lbs, Liverpool
ASPHALT, SOLID—1,517 dms, 672,000 lbs, Manila
ASPHALTUM—42,560 lbs, Liverpool
BORATE—11,398 bgs, 1,657,600 lbs, Liverpool; 4,860 bgs, 784,000 lbs, Liverpool; 1,220 bgs, 227,860 lbs, Liverpool; 14,876 pkgs, 2,613,860 lbs, Liverpool
BORAX—300 bgs, 33,600 lbs, Hongkong; 312 bgs, 30,000 lbs, Bombay
CLAY, FILTERING, GR—44 bgs, 2,200 lbs, Mexico City; 3,000 bgs, 134,000 lbs, Liverpool
CLEANSER—1,260 lbs, Hongkong
DIATOMACEOUS EARTH—2,896 bgs, 291,280 lbs, Liverpool; 30 pkgs, 2,580 lbs, Vancouver
HERBS, MED—4,300 lbs, Liverpool
LACQUER THINNER—88,000 lbs, Manila
LARD, SUBST—5,000 lbs, Manila
MATCHES, SAFETY—200 lbs, Hongkong
METHYL CHLORIDE—300 lbs, Vancouver
OIL, DIESEL—2,998 bbls, 965,380 lbs, Acapulco; 108,038 bbls, 33,707,860 lbs, Osaka; 33,922 bbls, 10,583,660 lbs, Moji; 37,359 bbls, 11,656,010 lbs, Shimonoseki
FUEL—79,823 bbls, 26,581,060 lbs, Balboa; 7,000 bbls, 2,331,000 lbs, Magdalena Bay; 4,000 bbls, 1,332,000 lbs, Manzanillo; 9,907 bbls, 3,299,030 lbs, Acapulco; 48,714 bbls, 16,221,760 lbs, Tocopilla; 49,080 bbls, 16,343,640 lbs, Chanaral; 5 dms, 1,670 lbs, Tocopilla
LINSEED—15,060 lbs, Manila
LUBRICATING—35 bbls, 17,070 lbs, Manila
MINERAL—300 lbs, Bogota
OLEO—4,230 lbs, Hongkong
PALM FLAKE—626 bgs, 100,080 lbs, Manila
SALAD—4,620 lbs, Manila
SHARK LIVER—5,580 lbs, Liverpool
PAINT—300 lbs, Vancouver, 2,930 lbs, Port au Prince
CEMENT—2,630 lbs, Coco Solo
IN OIL—1,080 lbs, Port au Prince
PETROLEUM, CRUDE—75,495 bbls, 23,554,440 lbs, Ioco, B C
GAS, LIQ—5,100 lbs, Vancouver
RESIN, SYNTH—150 lbs, Bogota, 40 lbs, Vancouver
SOAP POWDER—430 lbs, Cristobal
SULPHUR DIOXIDE—1,950 lbs, Vancouver
TOILET PREP—100 lbs, Penang

New Orleans Exports

ACID, STEARIC—46 tons, Vera Cruz
ASPHALT—23 tons, West Coast South America
BAUXITE—27 tons, Havana
CLAY—28 tons, Cristobal
FIRECLAY—14 tons, Havana
GASOLINE—169 tons, Belize; 45 tons, Puerto Barrios
AVIATION—11 tons, Belize
KEROSENE—71 tons, Belize; 102 tons, Puerto Barrios; 111 tons, Tela
LARD—8 tons, Panama City; 38 tons, Vera Cruz; 205 tons, Havana; 95 tons, Cristobal; 44 tons, Puerto Limon; 137 tons, Santiago
LIME, HYDRATED—113 tons, Puerto Barrios
OIL, DIESEL—22 tons, Bluefields; 97 tons, Belize; 19 tons, Tela; 97 tons, Ceiba; 73 tons, Puerto Cabezas
FUEL—273 tons, Ceiba
GAS—19 tons, Belize
LINSEED—82 tons, Havana
LUBRICATING—27 tons, Belize; 34 tons, Puerto Barrios; 92 tons, Vera Cruz
PINE—9 tons, Puerto Cabezas
REFINED—153 tons, Puerto Barrios
ROSIN—60 tons, Havana; 13 tons, Cristobal; 27 tons, West Coast South America
GUM—22 tons, Barranquilla; 19 tons, Cartagena
SALT—193 tons, Havana; 43 tons, Cristobal; 41 tons, Belize
SODA, CAUSTIC—18 tons, Havana
STARCH—30 tons, Havana
TURPENTINE—14 tons, West Coast South America
WAX—23 tons, West Coast South America; 56 tons, Vera Cruz

Philadelphia Exports

OIL, LUBRICATING—97 dms, Soengei Gerong; 25 dms, Medan; 30 kegs, Semarang; 1,195 dms, Palembang; 140 pkgs, Semarang; 565 pkgs, Palembang
SODA, CAUSTIC—50 dms, Palembang; 500 dms, Pladjoe

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Borax:—Newfoundland will admit duty-free imports of borax when used as a fertilizer.

Chicle:—Mexico has continued the payment of an export bounty on chicle, amounting to 0.865 peso per gross kilogram.

Cloves: British India has made subject to license the importation of cloves of all sorts, whether ground or unground.

Essential Oils:—An open general license permits the importation into the United Kingdom of essential oils, natural or synthetic, including terpeneless oil and mixtures thereof, without individual import licenses, from British Empire areas except Hong Kong, Palestine, Transjordan, French Equatorial Africa, French Cameroons, French India and French Possessions in the Pacific.

Gasoline:—Uruguay has removed aviation gasoline from the list of apparatus, equipment and materials for aviation exempted from import duty. The decree states that there is now an adequate domestic production of aviation gasoline in Uruguay.

Industrial Fats:—Chile has made subject to import control edible and industrial fats.

Pimiento:—Portugal has subjected to license exports of pimiento and chicory.

Soda Metaphosphate:—Peru has classified soda metaphosphate for industrial use under a new item 1816-A, dutiable at 0.36 sol per net kilogram.

Toilet Soap:—The exportation from Bulgaria to Slovakia of 20 metric tons of toilet soap against the importation of 50 tons of colophony for the paper and soap industries has been permitted.

Valonia:—Greece has established a tax of one drachma per kilogram on exports of valonia.

Vanilla:—The tax on the sale of vanilla in the State of Vera Cruz, Mexico, has been increased ten-fold by a legislative decree. The new tax rates, in pesos per kilogram, are as follows: cured whole vanilla, 1.50; cured vanilla cuts, 1.15; green vanilla to be cured within the State, 0.30; and green vanilla to be cured outside the State, 1.80.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—3,683 bbls, San Diego; 3,657 bbls, San Diego; 1,846 bbls, San Diego; 68,000 bbls, Seattle; 3,000 bbls, San Diego; 3,186 bbls, San Diego; 2,130 bbls, San Diego; 724 bbls, San Diego; 54,087 bbls, Seattle; 55,544 bbls, Avon
KEROSENE—2,927 bbls, Port San Luis
OIL, DIESEL—17,168 bbls, Seattle; 7,000 bbls, Seattle
FUEL—64,000 bbls, Portland; 73,926 bbls, Richmond; 16,965 bbls, Seattle; 2,375 bbls, Portland; 99,754 bbls, Richmond
FURNACE—8,185 bbls, Port San Luis

Socony-Vacuum Oil Company, this city has asked for bids for the construction of a 250-mile extension to the Augusta-Topeka-Kansas City light oil pipe line. The extension will run from Topeka north to Omaha and Sioux City, connecting with the company's river terminals at these points.

Industrial Uses of Chemicals and Related Materials

Producer's Guide to New Markets *Formerly Styled "Where You Can Sell"* **Technical Information for Processors**

Fully protected by copyright

Seven-hundred-forty-sixth Recapitulative Instalment

2-Betanaphthylthiol-quinolin Ethiodide

Dye

Process material (Brit. 454687) in making—
Cyanin dyes

Betaphenylethylbeta-orthomethoxyphenyl-ethyl Hydrochloride

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Diethyleneglycol Monoethylether Phthalate

(Carbitol Phthalate, Phthalic Acid Ester of Carbitol)

Adhesives

Plasticizer for—
Alcohol-soluble gums
Cellulose acetate
Nitrocellulose
Resins
Water-soluble gums

Cellulose Products

Plasticizer for—
Cellulose acetate
Nitrocellulose

Chemical

Plasticizer for—
Cellulose acetate
Gums
Nitrocellulose
Resins

Cosmetic

Plasticizer for—
Alcohol-soluble gums
Nitrocellulose

Gums

Flexibilizer for—
Alcohol-soluble gums
Water-soluble gums
Plasticizer for—
Alcohol-soluble gums
Water-soluble gums
Softener for—
Alcohol-soluble gums
Water-soluble gums

Paint, Varnish, and Lacquer

Plasticizer for—
Alcohol-soluble gums
Cellulose acetate
Nitrocellulose
Resins
Water-soluble gums

Plastics

Plasticizer for—
Cellulose acetate
Nitrocellulose
Resins

Resins

Plasticizer for—
Resins

3:5-Di-iodo-4-pyridoxyl-N-methyl-2:6-dicarboxylic Acid, Disodium Salt

(Uropac)

Pharmaceutical

Suggested for use as—
Contrast medium in intravenous urography

Di-isoamyl Disulphide

Petroleum

Stabilizing agent (Brit. 462146) for—
Viscous, highly refined mineral oils, such as transformer oils, lubricating oils, and the like

2-(4'-Dimethyl-aminostyryl)-2-methyl-3':2'-naphthol-3:4-oxazole Normal Methiodide

Photographic

Sensitizer (U.S. 2072908) in—
Photographic emulsions

Ethylbutyl Ketone

Petroleum

Promoter (Brit. 483796) of—
Dewaxing efficiency in processes for removing paraffin from lubricating oils

Ethyleneglycol Monoethylether Ricinoleate

(Cellosolve Ricinoleate, Ricinoleic Acid Ester of Cellosolve)

Adhesives

Plasticizer for—
Alcohol-soluble gums
Nitrocellulose
Resins
Water-soluble gums

Cellulose Products

Plasticizer for—
Nitrocellulose

Chemical

Plasticizer for—
Gums
Nitrocellulose
Resins

Cosmetic

Plasticizer for—
Alcohol-soluble gums
Nitrocellulose

Gums

Flexibilizer for—
Alcohol-soluble gums
Water-soluble gums
Plasticizer for—
Alcohol-soluble gums
Water-soluble gums
Softener for—
Alcohol-soluble gums
Water-soluble gums

Paint, Varnish, and Lacquer

Plasticizer for—
Alcohol-soluble gums
Nitrocellulose
Resins
Water-soluble gums

Plastics

Plasticizer for—
Nitrocellulose
Resins

Resins

Plasticizer for—
Resins

Ferro-Zirconium

(A special alloy containing, principally, zirconium, silicon, and iron; usually marketed in two forms—12 percent to 15 percent zirconium and 35 percent to 40 percent zirconium)

Metallurgical

Deoxidizer in—
Steel manufacture
Desulphurizer in—
Steel manufacture
Improver of—
Hot rolling and machinability of both carbon and alloy steels containing high sulphur
Scavenger in—
Steel manufacture
Substitute for—
Ferrosilicon in steel manufacture (said to promote cleaner metal, ductility, freedom from inclusions, grain uniformity, heat-treatment effectiveness, hot-working properties, removal of objectionable gas and non-metallic impurities, sounder metal, tensile properties)

Glycol Boriborate (Complex)

Adhesives

Plasticizer and softener for—
Gelatin Gums
Glue

Cellulose Products

Adhensive agent for—
Cellophane

Chemical

Sealing agent for—
Joints in systems carrying oils or hydrocarbons

Fats and Oils

Sealing agent for—
Joints in systems carrying oils or hydrocarbons

Fire-Prevention

Fire-retardant for treating—
Inflammable materials

Glue and Gelatin

Plasticizer and softener for—
Gelatin Gums
Glue
Plasticizer and softener for—
Gums

Ink

Softener for—
Glue Gums

Leather

Fire-retardant for treating—
Leather
Plasticizer and softener for—
Glue Gums

Linoleum and Oilcloth

Plasticizer and softener for—
Glue Gums

Miscellaneous

Fire-retardant for treating various products
Plasticizer and softener for—
Gelatin Glue
Gums
Sealing agent for—
Joints in systems carrying oils or hydrocarbons

Paint, Varnish, and Lacquer

Plasticizer and softener for—
Glue Gums
Reagent for preventing—
Caking of pigments in water suspensions
Sealing agent for—
Joints in systems carrying oils

Paper

Adhesive for—
Glassine transparent paper
Fire-retardant for treating—
Paper
Paper articles
Plasticizer and softener for—
Glue Gums

Printing

Fire-retardant for—
Printers' rollers
Plasticizer and softener for—
Glue

Soap

Sealing agent for—
Joints in systems carrying oils

Textile

Fire-retardant for treating—
Textiles
Lubricant for—
Textile fibers
Plasticizer and softener for—
Glue Gums
Softener for—
Textile fibers

Potassium Ethylate

Chemical

Reagent (Brit. 304118) in making—
Ketonic acid esters with the aid of allyl, amyl, butyl, heptyl, hexyl, propyl, and other alkyl esters of the following acids—

Acetic	Metanilic
Anthranilic	Mucic
Benzoic	Naphthionic
Butyric	Oxalic
Camphoric	Palmitic
Capric	Phenylacetic
Caproic	Phthalic
Caprylic	Picramic
Chloroacetic	Picric
Cinnamic	Propionic
Citric	Pyrogallic
Cresylic	Salicylic
Gallic	Succinic
Lactic	Sulphanilic
Maleic	Tartaric
Malic	Trichloroacetic
Malonic	Valeric

3-Pyridyl-Mercuric Chloride

Adhesives

Suggested as preservative for—
Adhesive compositions and materials

Cosmetic

Suggested as preservative and antiseptic for—
Creams
Emulsions
Face powders
Ointments
Toilet accessories

Disinfectant

Germicide having the following characteristics—
Maximum effective dilution, parts water per part mercurial:—
Staphylococcus aureus, 2,000,000
Bacillus coli, 550,000
Relatively low host toxicity

Glue and Gelatin

Suggested as antimold agent for—
Gelatin Glue

Ink

Suggested as preservative for—
Drawing inks
Emulsified inks
Lithographic inks
Printing inks
Writing inks

Insecticide and Fungicide

Suggested as disinfectant for—
Plant seeds

Paint, Varnish, and Lacquer

Suggested as antimold agent for—
Glue sizes

Paper

Suggested as antimold agent for—
Coating compositions
Glue sizes

Soap

Suggested as disinfectant and preservative for—
Soaps Soapstocks

Resorcinol Monoethylether Diethylcarbamate

Animal Husbandry

Claimed (Brit. 493465) as—
Vermicide for animals

Triphenyl Phosphate, Chlorinated

Petroleum

Stabilizing agent (Brit. 448424) for—
Lubricating oils used under extreme pressure and other exacting conditions

Uses and Applications *of Chemicals and Related Materials*

A cloth-bound book of 665 pages (6 x 9) containing information similar to that above on 5167 materials

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Business Wants and Offers

Minimum rate (up to 36 words), without display, $2.00 per insertion; 25c for each additional 6 words
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Agencies Wanted

CHICAGO REPRESENTATION — Experienced broker with excellent following chemical, cosmetic, drug and paint trade offers high grade services manufacturers, importers. J. H. Hille, 160 East Illinois street, Chicago, Illinois.

LONG ESTABLISHED Cincinnati firm selling the paint, ink, rubber, paper and other industries desires additional selling connections with actual producers. BOX 153, Oil, Paint and Drug Reporter.

Agents Wanted

FINE CHEMICALS, filter paper, etc. Agents wanted for middle west and south representing progressive New York firm. BOX 159, Oil, Paint and Drug Reporter.

AGENTS out of town and salesmen for New York, contacting consumers, on commission, wanted by importers of gums, waxes, seeds, spices. Write experience, previous and present connections, outlets, and references. BOX 165, Oil, Paint and Drug Reporter.

Capital Wanted

CAPITAL SOUGHT to finance the production of fine chemicals and pharmaceuticals now much in demand. BOX 155, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40 gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FILTER BAGS—We make up all sizes, types and materials of filter bags or small canvas articles for the paint and chemical trades. Large production and quick delivery. Send us your samples for quotation. BOX 138, Oil, Paint and Drug Reporter.

FOR SALE:—214 H. P. H.W.T. boiler, price $3,500. P. S. Kramer, tar refiner, 7 Smith street, Paterson, N. J.

Equipment Offered

JAR MILLS, one and four gallon; pebble mills, 50 and 10 gallons; 3 ft. by 18 ft. rotary dryer; 50-gallon dough mixer; 18 in. mushroom mill; 300 gal. rubber lined vacuum kettle. Lawler Company, Metuchen, N. J.

SPECIALS FROM stock:—Two Patterson 1,000 gal. mixing tanks; three 3, 15 and 40 gal. pony mixers; pebble mills and ball mills, laboratory to 1,000 gals.; three 8 in. laboratory stone mills; colloid mills; Shriver 30 in. steam jacketed filter press; five 26 in. stone mills with iron mill feeds; Day jumbo mixer, 680 gals.; filter presses, 12 in. to 36 in. cast iron, and wood; dry powder mixers; vacuum pans, etc. Send for our bulletins. Brill Equipment Corporation, 183 Varick street, New York City.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 113, Oil, Paint and Drug Reporter.

ELECTRIC CHAIN trolley hoist; two ton, two phase AC motor; 25 foot double drum lift. BOX 163, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, modern, one-story, 50x91, concrete floor with drain, 17 ft. headroom, mezzanine 17x91, no columns, basement 25x50. Low rent. Unrestricted district Brooklyn, near subway. The R. L. Kraft Company. COrtlandt 7-9377.

Materials Offered

LIGHT BLOOD albumen flakes for sale. Several thousand pounds No. 2 grade; will sell part or all of lot. Write for samples. L. B. Miller, 529 South Franklin street, Chicago, Ill.

Materials Wanted

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

Positions Vacant

WANTED—Young Christian chemist, experienced paint and varnish formulator by small, successful North Jersey company. Furnish complete information regarding education, experience, and personal details first application. BOX 158, Oil, Paint and Drug Reporter.

SUPERINTENDENT—Medium sized paint and varnish plant in the east, desires the services of an experienced man who is capable of handling men, run a plant economically. Chemical education preferable, but not absolutely essential. Reply in detail giving full experience, reference, education, and starting salary. All replies will be treated confidentially. Our employees know of this ad. BOX 160, Oil, Paint and Drug Reporter.

CHEMIST—Medium sized paint and varnish plant in the east desires the services of an experienced man who knows modern formulation of alkyd and synthetic varnishes, shelf goods and industrial finishes. Reply in detail giving full experience, reference, education, and starting salary. All replies will be treated confidentially. Our employees know of this ad. BOX 161, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST with good experience in varnish, lacquer and synthetic finishes industry, required to take charge of research, located Chicago area, responsible only to management. State full particulars of age, education, past experience and compensation desired. Applications will be kept in strictest confidence. BOX 162, Oil, Paint and Drug Reporter.

MAN familiar with manufacture of rubless floor wax. State age and experience. BOX 164, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMEN-EXECUTIVE thoroughly experienced selling and handling industrial chemicals, agricultural chemicals, insecticides, alkalies, acids, solvents, oils, pigments, dyestuffs, chemical specialties, pharmaceuticals, etc., now open for position with reputable concern. BOX 156, Oil, Paint and Drug Reporter.

TECHNICAL SALESMAN with chemical background and more than 10 years experience, wants position in sale or production management of raw materials for the paint, varnish and allied industries. Location New York. BOX 157, Oil, Paint and Drug Reporter.

Processes Offered

IRON OXIDE — Plant superintendent desires to contact party or company interested in entering production of synthetic yellow and red iron oxides. BOX 154, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, Room 811, 60 East 42nd street, New York City.

DRAFTING SERVICE—Let us do your detailing or plant layout. Special designs of stills and fractionators and recovery systems for oils and chemicals. Special units or complete plants. Prompt service. American Petroleum Engineers, 155 E. 44th street, New York City. Phone MUrray Hill 2-5438.

Surplus Stock

HIGHER MARKETS—Sell now. Wanted—Surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Chemical Manufacturing Facilities Available

Sales organization with large capital and a well equipped chemical industrial plant to make and market synthetic organic products for medicinal field. Large, old established, reliable firm is seeking practical profitable items to produce and market. Only proposals in full detail by letter will be considered. Royalty, outright purchase, or profit sharing can be arranged. Replies will be treated confidentially and interview arranged between principals only. Please give full details in reply.

Box 166, Oil, Paint and Drug Reporter

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12—Vacuum Shelf Dryers, all sizes.
1—9 ft. Copper Vacuum Coil Pan.
1—W. & P. Vacuum Mixer, 100 gal.; other W. & P.s 2 gal. to 2,000 gal.
7—3-roll Roller Mills, up to 16 by 40.
1—6' underdriven Putty Chaser, double rollers.
12—Ball Mills, 10 gal. to 500 gal.
1—Oliver 8 ft. x 12 ft. Rotary Continuous acid proof Filter.
2—Dopp Jacketed Kettles—500, 650 gals.
1—No. 10 Sweetland Filter, 2" cc.; others all sizes.
14—Centrifugal Extractors, 10" to 60".
1—Louisville 4 ft. 6 in. by 20 ft. Steam Tube Dryer.

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NEW YORK CITY

U.S. Starts Price Probe Of Wyoming Oil Trade

OPD Washington Bureau
April 22, 1941

An investigation of charges of price-fixing in the distribution of gasoline in Wyoming will be undertaken immediately, Assistant Attorney General Thurman Arnold revealed today. It has been charged that Wyoming jobbers and retailers have violated the Federal antitrust law by abuse of the State's fair trade law authorizing resale price maintenance contracts.

S.C.I. Meeting Hears Silverman on Glass

Dr. Alexander Silverman, head of the chemistry department of University of Pittsburgh, was the guest speaker at a joint meeting of the American section of the Society of Chemical Industry and the American Institute of Chemical Engineers, held in the Chemists' Club, this city, April 18.

Dr. Silverman spoke on "Glass: Today and Tomorrow." The newer developments in plate and window glass manufacture, bottles, illuminating ware, optical glass, fiberglass, and art glass, were discussed. In connection with plate and window glass, demonstrations were given of the newer types which are employed for safety and for the absorption or transmission of special radiations. Fluorescent lighting and the use of ultraviolet and sodium vapor light were considered as to illumination, sterilization, and tenderizing. The importance of art and the application of glass to things artistic were stressed.

Toilet Goods Manufacturing Association of Canada will hold its annual meeting in the Seignory Club, Lucerne-in-Quebec June 16-17.

Chemical Engineers To Discuss Investments

Col. Allan M. Pope will address the April meeting of the New York section of the American Institute of Chemical Engineers, to be held in the Chemists' Club, this city, April 29. His subject will be "Investing in America's Future." Dinner will be served at 6:30 p.m.

Col. Pope is president of the First Boston Corporation, investment banker. He is a former president of the Investment Bankers Association of America and a graduate of the United States Military Academy. At the conclusion of Col. Pope's address, "America Looks Ahead," a two-reel sound motion picture, prepared by the Investment Bankers Association of America, and featuring Lowell Thomas, noted commentator, and Dr. Neil Carothers, dean of the College of Business Administration of Lehigh University, will be shown.

PAC Chicago Clinic To Be Held May 12

The Printing and Advertising Clinics, sponsored by the General Printing Ink Corporation, this city, will be held in the Art Center, 820 North Michigan avenue, Chicago, May 12. The clinic, devoted to "Art Direction" will start at 8 p.m.

The subjects and speakers will be:—"Art Direction in Merchandise and in Package Design," Miss Anne Swainson, director, Bureau of Design, Montgomery Ward & Co.; "Art Direction in Advertising," Charles H. Magers, art director, Montgomery Ward & Co.; and Sidney Wells, art director, McCann Erickson, Inc.; and "Art Direction in Printing," William A. Kittredge, art director, R. R. Donnelley & Sons.

Buffalo Chemicals, Inc., Brooklyn, has changed its corporate name to Delaware Chemical Corp.

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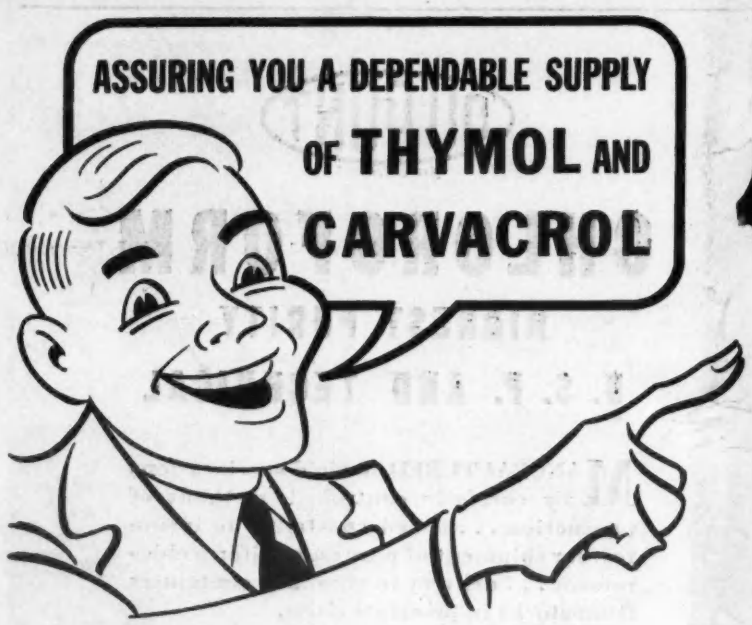

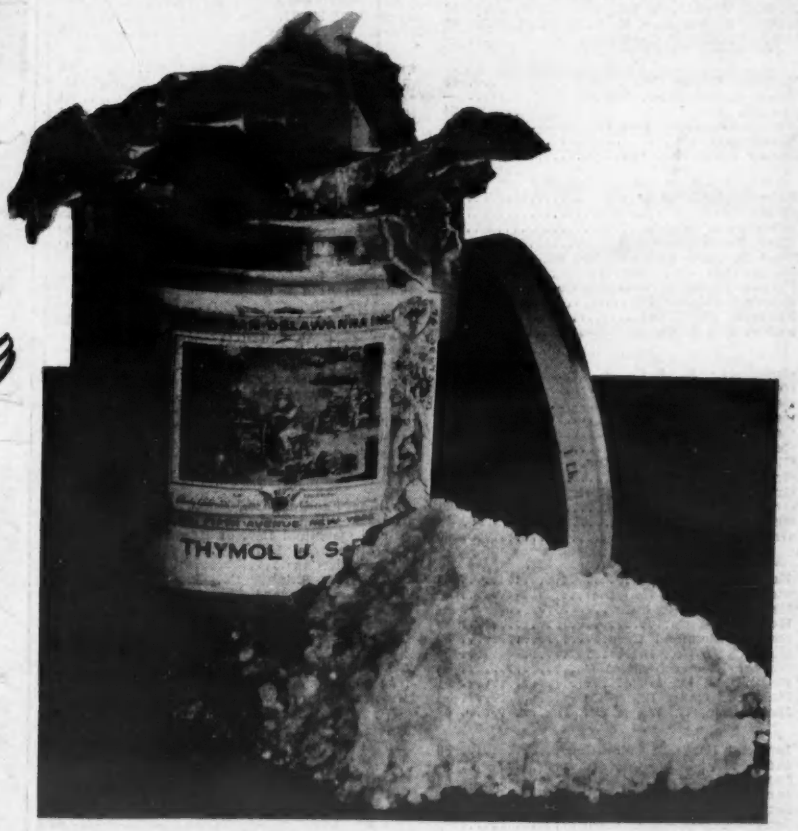

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